ATTACHMENT 2

NRC RESOLUTION OF LICENSEE COMMENTS

Licensee's Post Written Examination Comments Publically Available
in ADAMS Accession No. XXX

Note:. The licensee's post exam comments regarding these three questions were received by the NRC on December 22, 2004. After NRC review, additional information was requested from the licensee and provided on January 3, 2005 and January 7, 2005. During the exam there was one question from one of the applicants regarding question #39. After further review by the NRC staff and discussions with the licensee, the licensee submitted a revised comment for RO question #2, dated January 11, 2005, and received in Region I on January 18, 2005. Finally, the licensee submitted a third and final revision to the Region I staff that combined and summarized all previous discusions and submittals for these three questions dated January 21, 2005, and received in Region I on January 25, 2005.

RO question 02:

The plant has experienced a loss of offsite power, and the following conditions exist:

Buses 1C and 1D are being supplied by their respective EDGs
RPV pressure is being maintained at 935 psig with Isolation Condensers
Oyster Creek has been informed that offsite power will be restored no sooner than 72 hours

If a plant cooldown is commenced at the **MAXIMUM** allowable cooldown rate, what will be the **MINIMUM** time it takes to clear the shutdown cooling interlocks, assuming a constant cooldown rate?

A. 1.9 hours

B. 2.2 hours

C. 19 hours

D. 22 hours

Submitted answer explanation:
Maximum allowable cooldown rate during loss of AC power is 10 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. assumes the administrative limit of 90 deg. F/hr.
C. is the correct answer.
D. is incorrect, but plausible if a math error is committed.

Final Revised answer explanation:

On a loss of offsite power, both non-vital buses (1A/1B) are de-energized and their input supply breakers open. Additionally, both vital buses (1C/1D) are separated from the non-vital buses, and both EDGs automatically start. After approximately 10 seconds, both vital buses are energized by their respective EDG, and USS 1A2, 1A3, 1B2 and 1B3 are energized from the vital buses. After a 60-second time delay, both CRD pumps (powered from USS 1A2/1B2) automatically start as part of the diesel loading logic on a loss of offsite power. This provides high-pressure makeup capability to the RPV.

Additionally, when the non-vital buses lose power, the Fire Protection Pond Pumps lose power. These pumps are designed to keep the fire header pressurized and available. When the pond pumps trip, fire header pressure drops below 75 psig, causing both fire diesels to start and provide makeup to the fire protections system to keep it pressurized. This happens immediately following the loss of the pond pumps.

The fire protection system serves as an alternate makeup source to the Isolation Condenser shells. The normal source of makeup comes from the Condensate Transfer pumps, powered from 1B32. The breaker supplying 1B32 must be manually reset and closed following a loss of power, as this breaker has a shunt trip device to trip the breaker on low voltage. With no operator actions taken to reset 1B32, there will be no Condensate Transfer pumps available for Isolation Condenser shell makeup. However, the automatic start of both fire diesels provides more than adequate makeup capability to the Isolation Condenser shells, and it occurs automatically.

Since both fire diesels automatically start following the loss of power, there is adequate makeup capability to the Isolation Condenser shells. Since both CRD pumps automatically start following the loss of power, this ensures adequate RPV high pressure makeup capability, since use of the Isolation Condensers does NOT result in a loss of inventory. Therefore, these two automatic actions satisfy the requirement of a high pressure injection source to the RPV and adequate makeup to the Isolation Condenser shells, which then allows a maximum cooldown rate of 90 deg. F/hr., IAW ABN-36, step 3.1.7, page 5 (previously provided). FSAR sections/pages 15.2.6.2.2 (page 15.2-5), 15.2.7.2 (page 15.2-7), page 6.3-4, 6.3.1.1.2 (page 6.3-8), page 6.3-9 also support this. Therefore the maximum cooldown rate is 90 deg. F/hr and the correct answer is B.

Maximum allowable cooldown rate during loss of AC power meeting the conditions in ABN-36, step 3.1.7 is 90 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. is incorrect, as it assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. while the administrative limit of 90 deg. F/hr is correct for this condition, a calculational rounding error was committed (see below), which makes this answer incorrect.
C. is incorrect, using 10 deg. F/hr cooldown rate.
D. is incorrect, but plausible if a math error is committed using 10 deg. F/hr cooldown rate.

Calculation of time to reach SDC interlocks is 188 deg. F divided by 90 deg. F/hr which equals 2.088 hrs. Even when rounded to the nearest tenth, the calculated minimum time is 2.1 hours.

Since none of the distracters state this particular answer, there is no correct answer for this question.

Therefore, Oyster Creek recommends deleting this question.

NRC Resolution:

The NRC staff reviewed the documentation provided by the licensee in support of their proposed change to the original correct answer. Specifically, the information contained in the FSAR sections and pages noted above, ABN-36, "Loss of Offsite Power," alarm response procedures, and station electrical load diagrams. The examiners noted the following:

FSAR section 15.2.6.2.2. "Loss of All AC Power - Event Description - Assumptions," states, in part, "The relief valves and Isolation Condensers would be available for decay heat removal" and " A control rod drive (CRD) hydraulic pump, powered from the diesel generators, can supply 110 gpm makeup flow to the reactor." The CRD pump would be a high pressure makeup system available to the reactor pressure vessel (RPV)

Alarm Response Procedures N-2-a, N-3-a, N-2-b, and N-3-b, for the Fire Protection System describe the automatic actions which occur upon a loss of the fire pond pumps which would occur under a loss of offsite power (LOP) condition. As stated in the automatic actions section of the of the alarm response, if a LOP were to occur causing the pond pumps to trip, the diesel driven fire pumps would auto start to maintain fire water header pressure.

ABN-36, step 3.1.3 states, "Maintain the cooldown rate less than 10 degrees per hour." However, ABN-36, step 3.1.7 states, "When adequate high pressure makeup is available to the RPV and Isolation Condenser shells, then MAINTAIN RPV cooldown rate $\leq$90 degrees per hour."

Based upon the information in the FSAR and alarm response, the requirements, as stated in ABN-36, for a cooldown rate of 90 degrees per hour would be met. A high pressure makeup system for the RPV (CRD) and for the Isolation Condenser shells (Fire Water via the Diesel Fire Pumps) would be available given the conditions stated in question stem. However, given a 90 degree per hour cooldown rate and the required cooldown of 188 degrees to clear the shutdown cooling interlocks, the correct answer would be 2.1 hours (rounded up from 2.088) which is not a choice available from the possible answers provided.

Conclusion

In conclusion, the NRC staff accepts the licensee comment that there was no correct answer for question # 02 and it should be deleted.

RO question 35:

During startup, when the reactor is critical, SRM detectors are initially withdrawn when _____(1)_____ and SRM period will _____(2)_____ as the detectors **INITIALLY** start moving

A. (1) all SRMs are greater than 1 E5 cps
(2) become longer

B. (1) all SRMs are greater than 1 E5 cps
(2) become shorter

C. (1) three IRMs in each RPS system read 50% on range 1
(2) become longer

D. (1) three IRMs in each RPS system read 50% on range 1
(2) become shorter

Submitted answer explanation:
As SRM detectors are initially withdrawn, the move into a higher flux area of the core causing period to become shorter. Period will become longer/go negative only after the detectors pass beyond the high flux area.
A. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go shorter
B. is incorrect, detector withdrawal is dictated by IRM indication
C. is incorrect, as period will initially become shorter
D is correct

Revised answer explanation:

When this question was developed, past knowledge of the BWR-5 product line was used as a basis for the question. In BWR-5s, the SRM detector position when fully inserted is 3 feet (36 inches) above the core mid-plane position. This puts the SRM detectors closer to, and in most cases, within the area of highest flux when taking the core critical. If the SRM detectors are within the high flux area, pulling the detectors will result in the detectors "seeing" more flux per unit time as the detectors are pulled (a Doppler effect), causing period to become shorter. However, in BWR-2s, the SRM detectors are only 1.5 feet (18 inches) above the core mid-plane. Since our rod sequence sheets are arranged such that criticality occurs nominally between notch position 8 and 12, the area of highest flux will be ABOVE the SRM detectors. As the detectors are being withdrawn, each detector will see a reduction of counts per unit time (again, a Doppler effect), causing period to become longer (trend toward infinity.)

After a lengthy conversation with the Reactor Engineering Manager at Oyster Creek, we realize our original thought process was wrong. Our pull sheets are designed to achieve criticality in the range of Notch position 8 to 12. Since the Oyster Creek SRM detectors are located 18 inches above the core mid-plane when fully inserted, this corresponds to Notch position 18 when fully inserted. Therefore, the highest area of flux will be **above** the SRM detectors when we go critical. Pulling the SRM detectors will therefore cause SRM period to become longer as the detectors are withdrawn, since the detectors are seeing less flux per unit time as they are being withdrawn away from the high flux area above them.

A review of SRM data from the most recent reactor startup following our refueling outage supports this fact. When IRMs were above 50% of range 1 per procedure, all 4 SRM detectors were withdrawn. As soon as the SRM detectors began moving outward, SRM periods immediately became longer, trending toward infinity. Additionally, a simulator startup was performed to replicate the question conditions. The reactor went critical with controlling group

rods between notch position 10 and 12. When all 8 IRMs had been ranged up to range 2, all 4 SRM detectors were withdrawn. As soon as detector movement was initiated in the outward direction, and all 4 detector periods immediately became longer. As SRM detectors are initially withdrawn, they move further away from a higher flux area of the core, causing period to become longer.

Therefore, corrected explanations are:

A. is incorrect, since detector withdrawal is dictated by IRM indication
B. is incorrect, since detector withdrawal is dictated by IRM indication and period will initially go longer
C. is correct
D is incorrect, as period will initially become longer

Oyster Creek recommends changing the correct answer to C.

NRC Resolution:

In certain model BWRs, dependent on core loading, as SRM detectors are initially withdrawn, they move into a higher flux area of the core causing period to initially become shorter. Period will become longer/go negative only after the detectors pass beyond the high flux area. Based upon that information the initial answer was correct. However, given the loading of the Oyster Creek core, the location of the high flux area during startup, and the location of the SRMs in the Oyster Creek BWR-2 reactor, the licensee stated that the correct answer was actually choice **C,** that reactor period would initially become longer.

The NRC staff reviewed information provided by the licensee which documented graphically how the SRMs responded during the most recent startup. Additionally, the staff reviewed data tables documenting SRM response in the simulator startup which very closely modeled actual plant response. In all documents reviewed by the staff, SRM response initially became longer, which supports the licensee position that the correct answer should have been **C.**

Conclusion

In conclusion, the NRC staff accepts the licensee comment that the correct answer to question # 35 is **C.**

RO question 39:

Given the following:

The plant is shutdown
RPV pressure is 700 psig
An I&C tech causes drywell pressure transmitter RE04A to fail upscale
RWCU system isolates
RE04A has been returned to service and drywell pressure is 1.2 psig
RWCU pressure is 140 psig
Filter bypass valve V-16-83 is OPEN

Based on the above, the RWCU system **SHOULD** _____(1)_____ and
the following actions are required, **in the stated sequence**, to open V-16-1: _____(2)_____

A. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, and reduce RWCU pressure to approximately 80 psig.

B. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, and depress DW ISOLATION RESET pushbutton on 4F.

C. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, reset the redundant high pressure isolation keylock in A/B Battery Room, and reduce RWCU pressure to approximately 80 psig.

D. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, depress DW ISOLATION RESET pushbutton on 4F, and reset the redundant high pressure isolation keylock in A/B Battery Room.

Submitted answer explanation:
In order for the RWCU system to isolate on either high drywell pressure or low-low RPV level, it takes two (one-out-of-two twice) logic to cause this isolation, as the isolation circuitry is part of the RPS system and uses the same detectors the RPS circuitry uses for these isolation and initiation signals. However, a high system pressure causes the system to isolate. There are two isolation circuits for high pressure: the primary circuit, and the Appendix R redundant circuit. Both circuits are currently set at 130 psig for the isolation function, and either one will cause the system to isolate. Therefore:

A is incorrect, as isolation should not have occurred.
B is incorrect, as the redundant high pressure trip must be reset also.
C is incorrect, as isolation should not have occurred.
D is correct

Revised answer explanation:

Besides the containment isolation signals (high drywell pressure or low-low RPV level), high system pressure also causes the system to isolate. There are two isolation circuits for high pressure: the primary circuit, and the Appendix R redundant circuit. Both circuits are currently set at 130 psig for the isolation function, and either one will cause the system to isolate.

Based on the conditions stated in the stem, RWCU system pressure of 140 psig would trip the system on both high pressure trip signals. Since there is no timeline or indication that the RWCU pressure rose to 140 psig SUBSEQUENT to the isolation on high drywell pressure, it is valid that the candidates would choose an answer stating the system "SHOULD have isolated", since a valid isolation signal is present in the question stem. However, neither final part of the possible answers depicting the system should have isolated contains the correct sequence of operation needed to recover the system. Therefore, since neither of the distracters (A & C) that

state the system "SHOULD have isolated" has the subsequent actions in the correct order, there is no correct answer for this question.

Oyster Creek recommends deleting this question.

NRC Resolution:

The NRC staff reviewed the conditions stated in the question stem and also reviewed the criteria for a Reactor Water Cleanup Pump trip as stated in ARP D-3-b, "Cleanup System." The ARP stated that the system would isolate with system pressure > 130 psig and therefore a pump trip would occur on low suction pressure. Therefore, it is a valid answer, for the initial part of the question, that the system "SHOULD have isolated," since a valid isolation signal is present in the question stem. Therefore, the only distractors which answer the first part of the question correctly are in distractors A and C.

The second portion of the question asks what is the correct sequence to perform followup actions to open valve V-16-1. The NRC staff reviewed the guidance contained in Procedure No. 303 Rev.88, "Reactor Cleanup Demineralizer System," step 4.3.6, for re-opening valve V-16-1 and found that distractors A and C did not state the correct method or sequence to open the valve.

Therefore, given that distractors B and D were incorrect from the first part of the question and distractors A and C were incorrect for the last part of the question, no complete correct answer was provided for the question.

Conclusion

In conclusion, the NRC staff accepts the licensee comment that there is no correct answer for question # 39 and it should be deleted.

NUREG 1021

January 20, 2004
2130-05-20023

Richard J. Conte, Chief, Operational Safety Branch
U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Third Supplemental Submittal of Initial License Training NRC Written Examination Grading

In accordance with NUREG 1021, Revision 9, "Operating Licensing Examination Standards for Power Reactors", Oyster Creek Nuclear Generating Station is submitting a second set of revised comments on proposed changes to initial license NRC written examination questions and key for review and approval. This is in support of the NRC initial license written examination administered December 10, 2004.

In accordance with NUREG 1021, Revision 9, Section ES-201, please ensure that these materials are withheld from public disclosure until after the examinations are complete.

Please contact Greg Young at (609) 971-4196 with any questions concerning this letter or the information provided.

Respectfully,

Jesse Hackenburg
for H. Tritt

Herbert G. Tritt, II
Facility Representative/Operations Support Manager
Oyster Creek Nuclear Generating Station

HGT/GPY/dif
Enclosure: (Delivered to John Caruso, Chief Examiner, NRC Region 1)
Comments on changes to exam questions and key

cc: R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek (w/o enclosures)
File No. 05015

Oyster Creek is submitting the following changes to the NRC ILT written exam administered on December 10, 2004.

RO question 02:

The plant has experienced a loss of offsite power, and the following conditions exist:

- Buses 1C and 1D are being supplied by their respective EDGs
- RPV pressure is being maintained at 935 psig with Isolation Condensers
- Oyster Creek has been informed that offsite power will be restored no sooner than 72 hours

If a plant cooldown is commenced at the **MAXIMUM** allowable cooldown rate, what will be the **MINIMUM** time it takes to clear the shutdown cooling interlocks, assuming a constant cooldown rate?

A. 1.9 hours

B. 2.2 hours

C. 19 hours

D. 22 hours

Submitted answer explanation:

Maximum allowable cooldown rate during loss of AC power is 10 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. is incorrect, as it assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. is incorrect, as it assumes the administrative limit of 90 deg. F/hr.
C. is the correct answer.
D. is incorrect, but plausible if a math error is committed.

Revised answer explanation:

On a loss of offsite power, both non-vital buses (1A/1B) are de-energized and their input supply breakers open. Additionally, both vital buses (1C/1D) are separated from the non-vital buses, and both EDGs automatically start. After approximately 10 seconds, both vital buses are energized by their respective EDG, and USS 1A2, 1A3, 1B2 and 1B3 are energized from the vital buses. After a 60-second time delay, both CRD pumps (powered from USS 1A2/1B2) automatically start as part of the diesel loading logic on a loss of offsite power. This provides high-pressure makeup capability to the RPV.

Additionally, when the non-vital buses lose power, the Fire Protection Pond Pumps lose power. These pumps are designed to keep the fire header pressurized and available. When the pond pumps trip, fire header pressure drops below 75 psig, causing both fire diesels to start and provide makeup to the fire protections system to keep it pressurized. This happens immediately following the loss of the pond pumps.

The fire protection system serves as an alternate makeup source to the Isolation Condenser shells. The normal source of makeup comes from the Condensate Transfer pumps, powered from 1B32. The breaker supplying 1B32 must be manually reset and closed following a loss of power, as this breaker has a shunt trip device to trip the breaker on low voltage. With no operator actions taken to reset 1B32, there will be no Condensate Transfer pumps available for Isolation Condenser shell makeup. However, the automatic start of both fire diesels provides more than adequate makeup capability to the Isolation Condenser shells, and it occurs automatically.

Since both fire diesels automatically start following the loss of power, there is adequate makeup capability to the Isolation Condenser shells. Since both CRD pumps automatically start following the loss of power, this ensures adequate RPV high pressure makeup capability, since use of the Isolation Condensers does NOT result in a loss of inventory. Therefore, these two automatic actions satisfy the requirement of a high pressure injection source to the RPV and adequate makeup to the Isolation Condenser shells, which then allows a maximum cooldown rate of 90 deg. F/hr., IAW ABN-36, step 3.1.7, page 5 (previously provided). FSAR sections/pages 15.2.6.2.2 (page 15.2-5), 15.2.7.2 (page 15.2-7), page 6.3-4, 6.3.1.1.2 (page 6.3-8), page 6.3-9 also support this. Therefore the maximum cooldown rate is 90 deg. F/hr and the correct answer is B.

Maximum allowable cooldown rate during loss of AC power meeting the conditions in ABN-36, step 3.1.7 is 90 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. is incorrect, as it assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. while the administrative limit of 90 deg. F/hr is correct for this condition, a calculational rounding error was committed (see below), which makes this answer incorrect.
C. is incorrect, using 10 deg. F/hr cooldown rate.
D. is incorrect, but plausible if a math error is committed using 10 deg. F/hr cooldown rate.

Calculation of time to reach SDC interlocks is 188 deg. F divided by 90 deg. F/hr which equals 2.088 hrs. Even when rounded to the nearest tenth, the calculated minimum time is 2.1 hours.

Since none of the distracters state this particular answer, there is no correct answer for this question.

Therefore, Oyster Creek recommends deleting this question.

RO question 35:

During startup, when the reactor is critical, SRM detectors are initially withdrawn when _____(1)_____ and SRM period will _____(2)_____ as the detectors **INITIALLY** start moving

A. (1) all SRMs are greater than 1 E5 cps
(2) become longer

B. (1) all SRMs are greater than 1 E5 cps
(2) become shorter

C. (1) three IRMs in each RPS system read 50% on range 1
(2) become longer

D. (1) three IRMs in each RPS system read 50% on range 1
(2) become shorter

Submitted answer explanation:

As SRM detectors are initially withdrawn, they move into a higher flux area of the core causing period to become shorter. Period will become longer/go negative only after the detectors pass beyond the high flux area.
A. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go shorter
B. is incorrect, detector withdrawal is dictated by IRM indication
C. is incorrect, as period will initially become shorter
D is correct

Revised answer explanation:

When this question was developed, past knowledge of the BWR-5 product line was used as a basis for the question. In BWR-5s, the SRM detector position when fully inserted is 3 feet (36 inches) above the core mid-plane position. This puts the SRM detectors closer to, and in most cases, within the area of highest flux when taking the core critical. If the SRM detectors are within the high flux area, pulling the detectors will result in the detectors "seeing" more flux per unit time as the detectors are pulled (a Doppler effect), causing period to become shorter. However, in BWR-2s, the SRM detectors are only 1.5 feet (18 inches) above the core mid-plane. Since our rod sequence sheets are arranged such that criticality occurs nominally between notch position 8 and 12, the area of highest flux will be ABOVE the SRM detectors. As the detectors are being withdrawn, each detector will see a reduction of counts per unit time (again, a Doppler effect), causing period to become longer (trend toward infinity.)

After a lengthy conversation with the Reactor Engineering Manager at Oyster Creek, we realize our original thought process was wrong. Our pull sheets are designed to achieve criticality in the range of Notch position 8 to 12. Since the Oyster Creek SRM detectors are located 18 inches above the core mid-plane when fully inserted, this corresponds to Notch position 18 when fully inserted. Therefore, the highest area of flux will be **above** the SRM detectors when we go critical. Pulling the SRM detectors will therefore cause SRM period to become longer as the detectors are withdrawn, since the detectors are seeing less flux per unit time as they are being withdrawn away from the high flux area above them.

A review of SRM data from the most recent reactor startup following our refueling outage supports this fact. When IRMs were above 50% of range 1 per procedure, all 4 SRM detectors were withdrawn. As soon as the SRM detectors began moving outward, SRM periods immediately became longer, trending toward infinity. Additionally, a simulator startup was performed to replicate the question conditions. The reactor went critical with controlling group rods between notch position 10 and 12. When all 8 IRMs had been ranged up to range 2, all 4 SRM detectors were withdrawn. As soon as detector movement was initiated in the outward direction, and all 4 detector periods immediately became longer. As SRM detectors are initially withdrawn, they move further away from a higher flux area of the core, causing period to become longer.

Therefore, corrected explanations are:

A. is incorrect, since detector withdrawal is dictated by IRM indication
B. is incorrect, since detector withdrawal is dictated by IRM indication and period will initially go longer
C. is correct
D is incorrect, as period will initially become longer

Oyster Creek recommends changing the correct answer to C.

RO question 39:

Given the following:

- The plant is shutdown
- RPV pressure is 700 psig
- An I&C tech causes drywell pressure transmitter RE04A to fail upscale
- RWCU system isolates
- RE04A has been returned to service and drywell pressure is 1.2 psig
- RWCU pressure is 140 psig
- Filter bypass valve V-16-83 is OPEN

Based on the above, the RWCU system **SHOULD** ____(1)____ and the following actions are required, **in the stated sequence**, to open V-16-1: ____(2)____

A. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, and reduce RWCU pressure to approximately 80 psig.

B. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, and depress DW ISOLATION RESET pushbutton on 4F.

C. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, reset the redundant high pressure isolation keylock in A/B Battery Room, and reduce RWCU pressure to approximately 80 psig.

D. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, depress DW ISOLATION RESET pushbutton on 4F, and reset the redundant high pressure isolation keylock in A/B Battery Room.

Submitted answer explanation:

In order for the RWCU system to isolate on either high drywell pressure or low-low RPV level, it takes two signals (one-out-of-two twice logic) to cause this isolation, as the isolation circuitry is part of the RPS system and uses the same detectors the RPS circuitry uses for these isolation and initiation signals.

Therefore:

A is incorrect, as isolation should not have occurred.
B is incorrect, as the redundant high pressure trip must be reset also.
C is incorrect, as isolation should not have occurred.
D is correct

Revised answer explanation:

Besides the containment isolation signals (high drywell pressure or low-low RPV level), high system pressure also causes the system to isolate. There are two isolation circuits for high pressure: the primary circuit, and the Appendix R redundant circuit. Both circuits are currently set at 130 psig for the isolation function, and either one will cause the system to isolate.

Based on the conditions stated in the stem, RWCU system pressure of 140 psig would trip the system on both high pressure trip signals. Since there is no timeline or indication that the RWCU pressure rose to 140 psig SUBSEQUENT to the isolation on high drywell pressure, it is valid that the candidates would choose an answer stating the system "SHOULD have isolated", since a valid isolation signal is present in the question stem. However, neither final part of the possible answers depicting the system should have isolated contains the correct sequence of operation needed to recover the system. Therefore, since neither of the distracters (A & C) that state the system "SHOULD have isolated" has the subsequent actions in the correct order, there is no correct answer for this question.

Oyster Creek recommends deleting this question.

NUREG 1021

December 20, 2004
2130-04-20338

Richard J. Conte, Chief, Operational Safety Branch
U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

'04 DEC 22 A11 :55

RECEIVED
REGION 1

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Submittal of Initial License Training NRC Written Examination Grading

In accordance with NUREG 1021, Revision 9, "Operating Licensing Examination Standards for Power Reactors", Oyster Creek Nuclear Generating Station is submitting the initial license training NRC written examination grading for review and approval. This is in support of the NRC initial license written examination administered December 10, 2004.

In accordance with NUREG 1021, Revision 9, Section ES-201, please ensure that these materials are withheld from public disclosure until after the examinations are complete.

Please contact Greg Young at (609) 971-4196 with any questions concerning this letter or the information provided.

Respectfully,

Herbert G. Tritt, II
Facility Representative/Operations Support Manager
Oyster Creek Nuclear Generating Station

HGT/GPY/dif
Enclosure: (Delivered to John Caruso, Chief Examiner, NRC Region 1)
ES-403-1, Written Exam Grading Quality Checklist
Original candidate exam answer sheets
Original exam key
Corrected exam key
Clean copy of candidate answer sheets
Written exam communication log
Seating chart
Changed/corrected questions during written exam
Comments on changes to exam questions and key
Completed Exam Security Agreements, ES-201-3

cc: R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek (w/o enclosures)
File No. 04015

NUREG 1021

December 20, 2004
2130-04-20338

Richard J. Conte, Chief, Operational Safety Branch
U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

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Herbert G. Tritt, II
Facility Representative/Operations Support Manager
Oyster Creek Nuclear Generating Station

HGT/GPY/dif
Enclosure: (Delivered to John Caruso, Chief Examiner, NRC Region 1)
ES-403-1, Written Exam Grading Quality Checklist
Original candidate exam answer sheets
Original exam key
Corrected exam key
Clean copy of candidate answer sheets
Written exam communication log
Seating chart
Changed/corrected questions during written exam
Comments on changes to exam questions and key
Completed Exam Security Agreements, ES-201-3

cc: R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek (w/o enclosures)
File No. 04015

Oyster Creek is submitting the following changes to the NRC ILT written exam administered on December 10, 2004.

RO question 02:

The plant has experienced a loss of offsite power, and the following conditions exist:

- Buses 1C and 1D are being supplied by their respective EDGs
- RPV pressure is being maintained at 935 psig with Isolation Condensers
- Oyster Creek has been informed that offsite power will be restored no sooner than 72 hours

If a plant cooldown is commenced at the **MAXIMUM** allowable cooldown rate, what will be the **MINIMUM** time it takes to clear the shutdown cooling interlocks, assuming a constant cooldown rate?

A. 1.9 hours

B. 2.2 hours

C. 19 hours

D. 22 hours

Submitted answer explanation:
Maximum allowable cooldown rate during loss of AC power is 10 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. assumes the administrative limit of 90 deg. F/hr.
C. is the correct answer.
D. is incorrect, but plausible if a math error is committed.

Revised answer explanation:
Maximum cooldown is 10 deg. F/hr, unless; a high-pressure injection source is available and there is makeup available for the Isolation Condensers. Based on the conditions stated in the stem; Fire Diesels will automatically start due to a loss of the Pond pumps. This is an alternate source of makeup to the IC shell. The CRD pumps will be powered by the Emergency Diesels. These two conditions meet the requirements of ABN-36, LOSS OF OFF-SITE POWER, step 3.1.7, page 5 (previously provided). FSAR sections/pages 15.2.6.2.2 (page 15.2-5), 15.2.7.2 (page 15.2-7), page 6.3-4, 6.3.1.1.2 (page 6.3-8), page 6.3-9 also support this. Therefore the maximum cooldown rate is 90 deg. F/hr and the correct answer is B.

Maximum allowable cooldown rate during loss of AC power meeting the conditions in ABN-36, step 3.1.7 is 90 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. is the correct answer, using the administrative limit of 90 deg. F/hr.
C. is incorrect, using 10 deg. F/hr cooldown rate.
D. is incorrect, but plausible if a math error is committed using 10 deg. F/hr cooldown rate.

Oyster Creek changed the correct answer to **B**

3.0 OPERATOR ACTIONS

If while executing this procedure, an entry condition for any EOP occurs,

then **EXECUTE** this procedure concurrently with the appropriate EOP.

CAUTIONS

1. Excessive cooldown of the RPV without an adequate source of makeup could lower RPV level below 0 in. due to level shrink.
2. Excessive cooldown of the RPV will deplete Isolation Condenser shell levels at a faster rate.

3.1 **CONTROL** RPV pressure as follows:

1. **CONFIRM** MSIVs are CLOSED. [ ]
2. **CONTROL** RPV pressure with the Isolation Condensers. [ ]
3. **MAINTAIN** cooldown rate less than 10°F/hr. [ ]
4. **If** the Isolation Condensers are inadequate,

   then **AUGMENT** pressure control with EMRVs. [ ]

NOTE: While maintaining RPV cooldown rate at approximately 10°F/hr, one Isolation Condenser will last approximately two hours before shell makeup is required.

5. **MAINTAIN** Isolation Condenser shell levels above 4 ft. 8 in. using the Condensate Transfer System in accordance with Attachment ABN-36-7. [ ]
6. **If** Isolation Condenser shell level **cannot** be maintained with Condensate Transfer,

   then **MAINTAIN** shell level using the following systems:

   - Fire Protection System in accordance with Procedure 307, Isolation Condenser System. [ ]

- Core Spray System in accordance with Procedure 308, Core Spray System. [ ]

7. **When** adequate high pressure makeup is available to the RPV **and** Isolation Condenser shells,

   then **MAINTAIN** RPV cooldown rate ≤90°F/hr. [ ]

8. **When** plant conditions permit,

   then **INITIATE** Shutdown Cooling in accordance with Procedure 305, Shutdown Cooling System. [ ]

3.2 **PERFORM** steps 3.3 and 3.4 concurrently. [ ]

3.3 Electrical Power Restoration

CAUTION

Exceeding the EDG load limits when adding additional loads to the buses supplied from the EDGs can cause equipment damage or could trip the EDGs. **REFER** to Attachment ABN-36-7 for individual system load requirements.

1. **MAINTAIN** proper EDG loading in accordance with Attachment ABN-36-1. [ ]

2. **If** either EDG is **not** running, **or** is **not** supplying power to its associated vital bus,

   then **START** the EDG in accordance with Procedure 341, Emergency Diesel Generator Operation. [ ]

3. **If** the battery charger for any DC bus is **not** being powered from its vital power source,

   then **PERFORM** the following:

   A. **MINIMIZE** electrical operation of the Isolation Condenser DC isolation valves powered from the affected DC bus. [ ]

or gradual loss of vacuum conditions, relief valves and the Isolation Condensers are available to remove decay heat.

The loss of condenser vacuum is considered to be a transient of moderate frequency.

15.2.6 Loss of All AC Power/Loss of Auxiliary Power

15.2.6.1 Loss of All AC Power

The loss of all ac power (station blackout) is discussed in Section 15.9

15.2.6.2 Loss of Auxiliary Power

15.2.6.2.1 Identification of Causes and Frequency Classification

A loss of auxiliary power could occur due to electrical power distribution malfunctions. A reactor trip would occur upon loss of ac power to the Reactor Protection System.

Loss of auxiliary power causes loss of condenser cooling water, trip of feedwater pumps and trip of the recirculation pumps. Turbine trip and reactor trip ensue.

Loss of power to auxiliaries occurs with moderate frequency.

15.2.6.2.2 Event Description - Assumptions

The bypass is assumed to be available for 1.5 seconds, reducing the power/pressure transient so that the transient is less severe than the turbine trip with bypass failure. The bypass valves trip shut when the main condenser vacuum reaches 10 inches Hg. Reactor operating experience has shown that vacuum does not drop below the 10 inch setpoint until after 1.5 seconds.

The relief valves and Isolation Condensers would be available for decay heat removal. The diesel generators would be available to supply emergency power with a loss of offsite power. The diesels automatically start upon opening of the breakers. A control rod drive hydraulic pump, powered from the diesel generators, can supply 110 gpm makeup flow to the reactor.

15.2.6.2.3 Results of Analysis

The results of the analysis for this event show that even without the makeup flow the core remains well covered. The results indicate that this event causes a less severe isolation than a turbine trip without bypass, since the bypass is assumed to function immediately after the trip **Reference 1, Amendment 65)**.

the control rod drive flow is not expected to raise downcomer level at a sufficient rate to clear the low-low level indication. Since the various safety systems have been actuated at this level, no credit is taken for operator intervention.The reactor coolant system will continue to depressurize until core spray flow is initiated to the vessel at approximately 285 psig. The water level in the core at this point has been calculated to exceed the low-low-low level setpoint (4 feet 8 inches above the active fuel). This level estimation is based upon fully collapsed level of the fluid mass at saturation conditions. Following initiation of core spray the level will recover and the event is terminated.

The corrective functions for this event are automatic. The operator performs a monitoring function to verify the automatic actions and attempts to restore feedwater flow. The operator will manually cycle the Isolation Condensers operation to maintain a vessel cooldown rate of less than 100OF/hour when reactor level and pressure are under control.

The loss of feedwater had been previously analyzed without taking credit for the cooling and depressurization effects of the isolation condenser. In these analyses the relief valves lifted. Calculations show that the core remains well covered after reaching equilibrium at a pressure below the relief valve setpoint. Hence failure of the Isolation Condensers, which would be the normal method of cooling, has been analyzed.

15.2.7.3 Assumptions and Initial Conditions

The analysis conservatively assumes full power and an initial water level one foot below normal operating level.

The transient is more severe from high power conditions because the rate of reactor vessel decrease is greatest and the amount of stored heat to be dissipated is highest. Having the water level one foot below operating conditions minimizes the initial system coolant inventory. All automatic actions are assumed to occur.

The analysis of the loss of feedwater event is equivalent to current NRC criteria. This is based on the following:

a. Similar conservative assumptions are made with respect to initial conditions.

b. An acceptable calculational model(s) is used in the analysis.

c. The acceptance criteria for the event are the same.

The ICS operates by natural circulation without the need for driving power other than the dc electrical system used to place the ICS in operation. The system operates with steam flowing from the reactor pressure vessel through the condenser tubes and condensate returning by gravity to the reactor pressure vessel, forming a closed loop. The valves in the steam inlet lines are normally open so that the tube bundles are at reactor pressure. Only the dc motor operated condensate isolation valves are normally closed. The shell side of each condenser has a normal minimum water inventory of 22,730 gallons with at least 11,060 gallons above the top of the tube bundles. During normal plant operations, when the system is in Standby, makeup to the Isolation Condensers is from the Demineralized Water Transfer System. Makeup during ICS operation is provided from the Condensate Transfer System. An emergency makeup is also provided from the fire suppression and core spray systems. The shell side of the condensers are vented to the atmosphere via three lines protruding through the east wall of the Reactor Building.

The design heat removal capacity of the ICS (two condensers) is 410×10^6 Btu/hr. At the normal water level with both isolation condensers in service, the system can provide emergency cooling for approximately one hour and 40 minutes without makeup water, before beginning to uncover the tube bundles. A single isolation condenser may remain in operation for up to 45 minutes.

The system comprises two loops, each with one condenser shell containing two tube bundles. When a loop is in operation, both tube bundles are in service. Normally, both condensers are placed in operation simultaneously, and either loop can be activated or shut down separately under manual control. Each loop has separate steam and condensate lines and isolation valves, separate steel shell steam vents and valves, and separate instrumentation and controls.

The Isolation Condensers are located, and the layout and sizing of the steam supply and condensate return lines have been optimized, to provide the design flow rate with valve pressure drops and line pressure drops minimized. The initial driving head is provided because the tube bundles and condensate return lines are filled with water.

The steam supply, **with the exception of the vertical portion where thermocouples are attached,** and condensate return lines are insulated and sloped to promote drainage to the reactor pressure vessel. The steam supply lines connect to the reactor vessel cylinder at the steam zone, and are separate from the main steam headers, so that line condensation does not cause entrainment of liquid in the steam to the turbine.

The high points in the steam supply lines to each loop are vented continuously to the main turbine steam header downstream of the Main Steam Isolation Valves when the plant is operating and the ICS is on standby.

The initiation signal causes both normally closed condensate return isolation valves to open. The high point vent valves will close when these valves open. **Coincident with the low-low reactor water level signal for ICS initiation, is a signal to trip all five reactor recirculation pumps. Coincident with the high reactor pressure signal for ICS initiation, is a signal to trip recirculation pumps A, B, and E. Recirculation pumps C and D will trip on a persistent high pressure signal within 12 seconds (time delay setpoints will provide margin for calibration and accuracy of the time delay relays).**

The pressure setpoints of the ICS, reactor pressure scram, and the relief valves have been chosen to limit pressure transients to values below the safety valve settings and to limit the loss of water through the relief valves. Once the ICS is actuated, there is an estimated 25 and 36 (Reference 25) second delay (opening time for condensate return valves V-14-34 and V-14-35 respectively), before the ICS reaches its full effectiveness.

The only operation needed to manually initiate an ICS loop is to open its normally closed condensate return isolation valve from the Control Room. To ensure a natural circulation path through the reactor core, the Technical Specifications require that at least one recirculation loop suction valve and its corresponding discharge valve to be open.

Once activated, the ICS will not automatically reset with reduced reactor pressure. This requires deliberate operator action to remove the ICS from service. Automatic initiation signal can then be reset by pressing the reset button in the Control Room.

Reactor water lost prior to ICS initiation can be restored by the Control Rod Drive Hydraulic System pumps during isolation. Because of the potential for damage due to water hammer, reactor water level should not be allowed to exceed 180 inches above the top of active fuel.

When placed in operation, the heat removal capability of the ICS is approximately equivalent to 152.5 MW thermal (two condensers) which is significantly greater than the original design heat removal rate of 112 MW thermal. Furthermore, the decay heat generation rate drops to about 2 percent of maximum reactor power (1930 MWt) about ten minutes after scram. Thus, manual action is required to prevent too rapid a cooldown. This is accomplished by alternate manual opening and closing of the condensate return isolation valves. Should the condensate return valves fail to close, the steam supply valves can be used to control pressure. Reactor cooldown rate should be less than 100°F/hr.

Both ICS loops will operate for about one hour and 40 minutes without makeup; during one loop operation, this time is reduced to 45 minutes. To achieve cooldown, approximately 107,500 gallons of makeup are required. A minimum shell level of 4.8 to 7.7 feet is maintained during isolation condenser operation.

The Isolation Condensers are designed for the rather severe loading conditions encountered during transient and steady state conditions, including:

a. Internal pressures and mechanical forces, such as fluid weight, fluid flow, and external and internal attachments.

b. Pipe reactions due to thermal expansion of the piping and condenser shells.

Makeup water for the condenser shell side can be manually added from the Condensate Transfer System by opening an air operated makeup valve, as necessary. If a condensate transfer pump is not available, Fire Protection System water can be manually valved into service. If power is lost to the makeup valves, they can be manually opened at El. 95'. Shell side level indication is displayed in the Control Room and the makeup valve control switch is also in the Control Room. An emergency makeup is also provided to the isolation condenser shell from the torus via the core spray system.

Isolation Condenser System safety-related motor-operated valves are included in the Generic Letter (GL) 89-10 Motor-Operated Valve (MOV) Program as noted in the OCNGS Program Description for NRC Generic Letter 89-10 Motor-Operated Valve Program. This program has reestablished the design basis for safety-related motor-operated valves. Critical design basis assumptions such as design basis differential pressure, safety function - open vs. close, minimum available AC/DC voltages, actuator gearing, torque switch control logic, valve factors, stem friction coefficients, and valve stroke times have been established in assessing GL 89-10 design basis capability. Plant changes or activities which can affect these design basis assumptions must consider the affect on the capability of GL 89-10 motor-operated valves to perform their safety function and on safety margins established for these valves.

6.3.1.1.3 Operation

The ICS is operable during power operation and whenever the reactor coolant temperature is greater than 212-F except as permitted otherwise by the Technical Specifications.

During normal operation all valves are open except for the two outboard dc powered condensate return line isolation valves. Initiation of the system is either automatic or manual.

The ICS is automatically initiated by a persistent (about 1.5 seconds) signal of either high reactor vessel pressure or low-low reactor water level. The time delay is intended to prevent ICS initiation under certain transient conditions. The signals from four reactor high pressure sensors and four reactor low-low water level sensors are arranged in a one-out-of-two-twice logic such that one high pressure and one low-low water level sensor are in each of the four logic trains.

ORIGNAL REFERENCES
Q2 - REF

3.0 OPERATOR ACTIONS

If while executing this procedure, an entry condition for any EOP occurs,

then **EXECUTE** this procedure concurrently with the appropriate EOP.

CAUTIONS

1. Excessive cooldown of the RPV without an adequate source of makeup could lower RPV level below 0 in. due to level shrink.
2. Excessive cooldown of the RPV will deplete Isolation Condenser shell levels at a faster rate.

3.1 **CONTROL** RPV pressure as follows:

1. **CONFIRM** MSIVs are CLOSED. [ ]
2. **CONTROL** RPV pressure with the Isolation Condensers. [ ]
3. **MAINTAIN** cooldown rate less than 10°F/hr. [ ]
4. **If** the Isolation Condensers are inadequate,

   then **AUGMENT** pressure control with EMRVs. [ ]

NOTE: While maintaining RPV cooldown rate at approximately 10°F/hr, one Isolation Condenser will last approximately two hours before shell makeup is required.

5. **MAINTAIN** Isolation Condenser shell levels above 4 ft. 8 in. using the Condensate Transfer System in accordance with Attachment ABN-36-7. [ ]
6. **If** Isolation Condenser shell level **cannot** be maintained with Condensate Transfer,

   then **MAINTAIN** shell level using the following systems:

   - Fire Protection System in accordance with Procedure 307, Isolation Condenser System. [ ]

- Core Spray System in accordance with Procedure 308, Core Spray System. [ ]

When adequate high pressure makeup is available to the RPV **and** Isolation Condenser shells,

then **MAINTAIN** RPV cooldown rate ≤90°F/hr. [ ]

8. **When** plant conditions permit,

   then **INITIATE** Shutdown Cooling in accordance with Procedure 305, Shutdown Cooling System. [ ]

3.2 **PERFORM** steps 3.3 and 3.4 concurrently. [ ]

3.3 Electrical Power Restoration

CAUTION

Exceeding the EDG load limits when adding additional loads to the buses supplied from the EDGs can cause equipment damage or could trip the EDGs. **REFER** to Attachment ABN-36-7 for individual system load requirements.

1. **MAINTAIN** proper EDG loading in accordance with Attachment ABN-36-1. [ ]

2. **If** either EDG is **not** running, **or** is **not** supplying power to its associated vital bus,

   then **START** the EDG in accordance with Procedure 341, Emergency Diesel Generator Operation. [ ]

3. **If** the battery charger for any DC bus is **not** being powered from its vital power source,

   then **PERFORM** the following:

   A. **MINIMIZE** electrical operation of the Isolation Condenser DC isolation valves powered from the affected DC bus. [ ]

RO question 35:

During startup, when the reactor is critical, SRM detectors are initially withdrawn when _____(1)_____ and SRM period will _____(2)_____ as the detectors **INITIALLY** start moving

A. (1) all SRMs are greater than 1 E5 cps
(2) become longer

B. (1) all SRMs are greater than 1 E5 cps
(2) become shorter

C. (1) three IRMs in each RPS system read 50% on range 1
(2) become longer

D. (1) three IRMs in each RPS system read 50% on range 1
(2) become shorter

Submitted answer explanation:
As SRM detectors are initially withdrawn, the move into a higher flux area of the core causing period to become shorter. Period will become longer/go negative only after the detectors pass beyond the high flux area.
A. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go shorter
B. is incorrect, detector withdrawal is dictated by IRM indication
C. is incorrect, as period will initially become shorter
D is correct

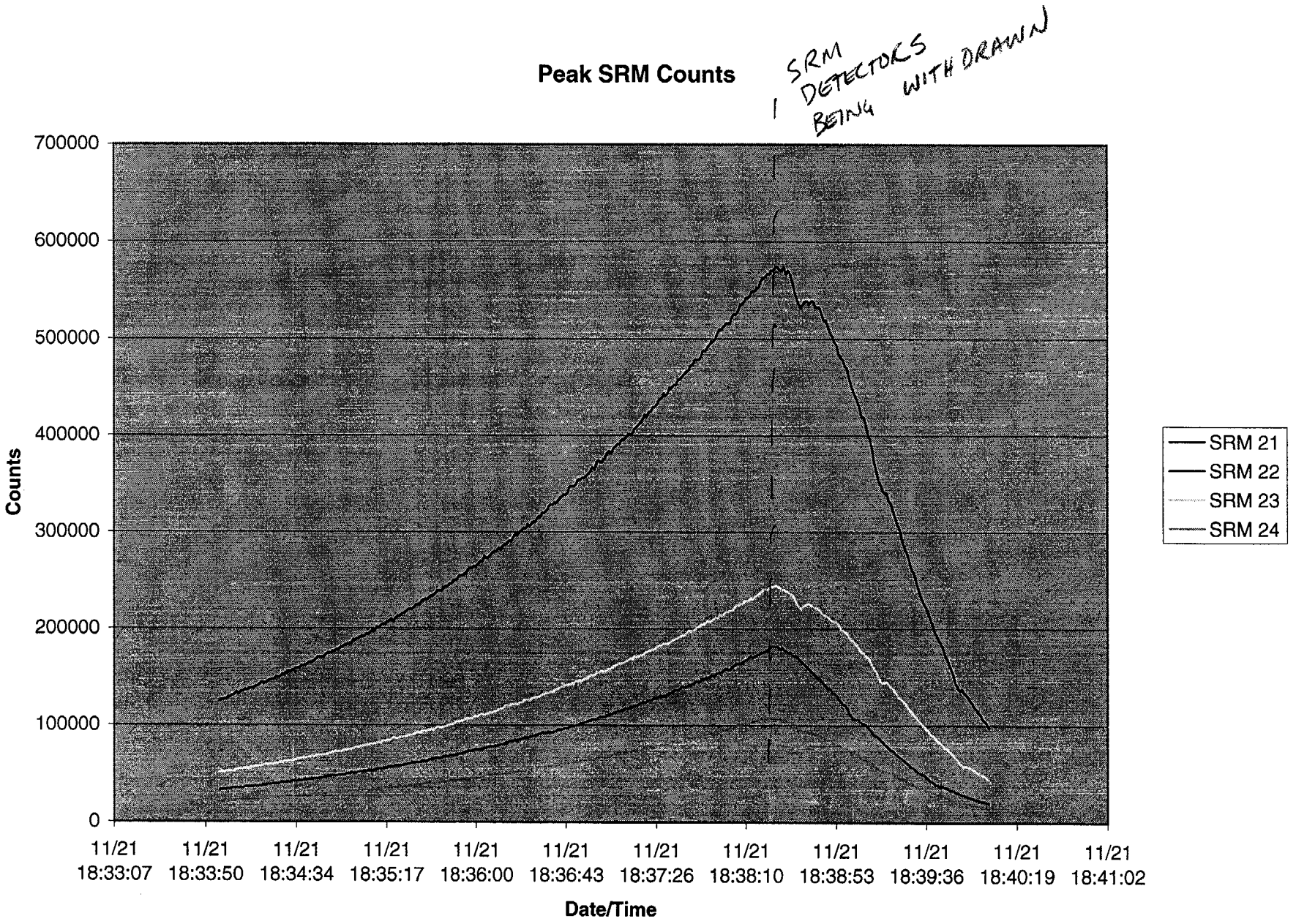
Revised answer explanation:

After a lengthy conversation with the Reactor Engineering Manager at Oyster Creek, we realize our original thought process was wrong. Our pull sheets are designed to achieve criticality in the range of Notch position 8 to 12. The Oyster Creek SRM detectors are located 18 inches above the core mid-plane when fully inserted. This corresponds to Notch position 18 when fully inserted. Therefore, the highest area of flux will be **above** the SRM detectors when we go critical. Pulling the SRM detectors will therefore cause SRM period to become longer as the detectors are withdrawn.

We are including a graph of the most recent reactor startup following our refueling outage. The graph shows all 4 SRM counts as a graphic plot. All four detectors were pulled when IRMs were above 50% of range 1 per procedure, and the plots show each SRM counts dropping as the detectors are being withdrawn. With SRM counts dropping, a negative period would be seen.

As SRM detectors are initially withdrawn, the move further away from a higher flux area of the core causing period to become longer.
A. is incorrect, detector withdrawal is dictated by IRM indication
B. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go longer
C. is correct
D is incorrect, as period will initially become longer

Oyster Creek changed the correct answer to **C**


Peak SRM Counts
SRM DETECTORS BEING WITH DRAWN
700000
600000
500000
400000
300000
200000
100000
0
Counts
11/21 18:33:07
11/21 18:33:50
11/21 18:34:34
11/21 18:35:17
11/21 18:36:00
11/21 18:36:43
11/21 18:37:26
11/21 18:38:10
11/21 18:38:53
11/21 18:39:36
11/21 18:40:19
11/21 18:41:02
Date/Time
SRM 21
SRM 22
SRM 23
SRM 24

RO question 39:

Given the following:

- The plant is shutdown
- RPV pressure is 700 psig
- An I&C tech causes drywell pressure transmitter RE04A to fail upscale
- RWCU system isolates
- RE04A has been returned to service and drywell pressure is 1.2 psig
- RWCU pressure is 140 psig
- Filter bypass valve V-16-83 is OPEN

Based on the above, the RWCU system **SHOULD** ____(1)____ and the following actions are required, **in the stated sequence**, to open V-16-1: ____(2)____

A. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, and reduce RWCU pressure to approximately 80 psig.

B. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, and depress DW ISOLATION RESET pushbutton on 4F.

C. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, reset the redundant high pressure isolation keylock in A/B Battery Room, and reduce RWCU pressure to approximately 80 psig.

D. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, depress DW ISOLATION RESET pushbutton on 4F, and reset the redundant high pressure isolation keylock in A/B Battery Room.

Submitted answer explanation:
High pressure isolation setpoint for primary and redundant isolation circuits is 130 psig. It takes two (one-out-of-two twice) high drywell pressure signals to cause an isolation. Therefore:
A is incorrect, as isolation should not have occurred.
B is incorrect, as the redundant high pressure trip must be reset also.
C is incorrect, as isolation should not have occurred.
D is correct

Revised answer explanation:
Based on the conditions stated in the stem, RWCU system pressure reaches 140 psig, which is above the normal and backup RWCU pressure trip. This condition, with no stated time line, would trip the system. Since neither of the distracters (A & C) that state the system "SHOULD have isolated" have the subsequent actions in the correct order, there is no correct answer for this question.

Oyster Creek deleted this question

Q 39 ORIGINAL REFERENCES REF

Group Heading		D-3-b
CLEANUP SYSTEM		

CU RCP A OL/TRIP

CAUSES:	SETPOINTS:	ACTUATING DEVICES:
Pump motor overload/breaker tripped. Pump Trip Functions: Pump motor overload - (160 amps), -OR- Low suction pressure - (15 psig), -OR- High pump temp. - (140°F), -OR- Pump motor undervolts, -OR- V-16-1 Closed, -OR- V-16-61 Closed, -OR- V-16-2 and V-16-14 Closed.	57.5 amps or pump motor breaker tripped	30T Relay -OR- 74 Relay via: IJ04B TSH 176A or B V-16-1 Limit Sw V-16-61 Limit Sw V-16-2 and V-16-14 Limit Switches Reference Drawings: GU 3E-611-17-006 GE 223R0173 Sh. 10 GE 148F444

CONFIRMATORY ACTIONS:

Check for pump trip at Panel 3F

AUTOMATIC ACTIONS:

NONE

NOTE: System Isolation Valves V-16-1, V-16-2 & V-16-14 close on:
- Low flow thru in-service filter - (80 gpm), - OR -
- High NRHX Discharge pressure - (after ND-11, 130 psig), - OR -
- High NRHX Discharge temperature - (140°F), - OR -
- High Aux pump seal and oil cooling temp - (130°F), - OR -
- Liquid poison system on - (15 GPM),

System Isolation Valves V-16-1, V-16-2, V-16-14 & V-16-61 close on:
- Lo-Lo reactor water level - (90" TAF), - OR -
- High Drywell Pressure (2.9 psig), - OR -
- RWCU HELB (160°F)

MANUAL CORRECTIVE ACTIONS:

Inform Radiological Controls Department that cleanup has tripped.
Determine cause of pump overload or trip. Correct cause of trip and return Cleanup System to normal operation in accordance with Procedure 303 as required.
If tripped pump cannot be restarted, start alternate Cleanup Recirc. Pump.
Check condition of Cleanup Filter in service. ✓
If pump has not tripped, check for pump runout, high bearing temperatures, or high vibration, and correct condition.

FUNCTION	DEVICE	ACTION	TECH. SPEC. LIMIT	CORRECTED TECH. SPEC. LIMIT (See Note 1)	INSTRUMENT SETPOINT (See Note 2)	CORRECTED INSTRUMENT SETPOINT (See Note 3)
2. Low Reactor Pressure	RE 23 A, B, C, D	MSIV Closure	≥ 825 psig	≥ 834.3 psig	844.7 psig	854 ± 5 psig
	RE 16 A RE 16 B	MSIV Closure and Low Vacuum Scram Bypass	≤ 600 psig	≤ 608.34 psig ≤ 606.1 psig	576 psig 576 psig	584 ± 5 psig 582 ± 5 psig
	RE 17 A & C RE 17 B & D	Core Spray Valves Open	≥ 285 psig	≥ 293.34 psig ≥ 291.1 psig	306 psig 305 psig	314 psig 311 psig
3. High Drywell Pressure	RE 04	Scram, D.W. and R.B. Isolation, Initiate Standby Gas Treatment	≤ 3.5 psig	≤ 3.5 psig	2.9 ± 0.1 psig	2.9 ± 0.1 psig
	RV 46	Core Spray Auto Depress. RBCCW Isolation	≤ 3.5 psig	≤ 3.5 psig	2.9 ± 0.1 psig	2.9 ± 0.1 psig
	IP 15	Normal/Emergency Interlocks	≤ 3.5 psig	≤ 3.5 psig	2.9 ± 0.1 psig	2.9 ± 0.1 psig
	IP 15	Containment Spray Pump Trip	None	None	0.6 ± 0.1 psig	0.6 ± 0.1 psig
	Recorder 12XR-6 (PT-51)	High Alarm	None	None	1.4 psig	1.4 psig
		Low Alarm	None	None	1.0 psig	1.0 psig
4. High Reactor Water Level	RE05A, RE05/19A RE05B, RE05/19B	All operating FW Pump Trip	None	None	181" TAF Refer to Procedure 619.3.013 for Setpoint Data	181" TAF Refer to Procedure 619.3.013 for Setpoint Data
	RE05A, RE05/19A RE05B, RE05/19B	Turbine Trip	None	None	175" TAF Refer to Procedure 619.3.013 for Component Setpoint	175" TAF Refer to Procedure 619.3.013 for Component Setpoint
	ID 14	Alarm	None	None	170" TAF	170" TAF
5. Low Reactor Water Level	RE05A, RE05/19A RE05B, RE05/19B	Scram	≥ 137" above TAF (≤ 60.25" H20)	≥ 137" above TAF (≤ 60.25" H20)	139.48" TAF Refer to Procedure 619.3.013 for Component Setpoint	139.48" TAF Refer to Procedure 619.3.013 for Component Setpoint
	ID 14	Alarm	None	None	146" TAF	146" TAF

4.3 Instructions for Placing System in Operation With NSSS at Operating Pressure

4.3.1 **CONFIRM** open V-16-31, Surge Tank Makeup to Cleanup Recirc Pumps. [ ]

4.3.2 **CONFIRM** the following valves are in MAN mode and closed (Panel 3F):

- SYSTEM PRESS CONTROLLER PCV-ND11 [ ]
- SYSTEM FLOW CONTROLLER FCV-ND16 [ ]

4.3.3 **CONFIRM** closed LETDOWN FLOW CONTROLLER FCV-ND22 (Panel 3F). [ ]

4.3.4 **CONFIRM** the following valves are OPEN (Panel 3F):

- LETDOWN TO CONDENSER V-16-60 [ ]
- LETDOWN ORIFICE BYPASS V-16-59 [ ]

4.3.5 **CONFIRM** the following valves are CLOSED (Panel 3F):

- RECIRC PUMP A DISCHARGE V-16-49 [ ]
- RECIRC PUMP B DISCHARGE V-16-50 [ ]

4.3.6 IF the Cleanup System has been isolated from the drywell,

THEN **DEPRESS** DRYWELL ISOLATION RESET pushbutton (Panel 4F) prior to opening V-16-1 and V-16-61. [ ]

4.3.7 **OPEN** Cleanup System Isolation Valve V-16-1 (Panel 11F). [ ]

4.3.8 **OPEN** the Cleanup SYSTEM OUTLET V-16-61 (Panel 3F). [ ]

4.3.9 IF pressure at the cleanup regenerative heat exchanger inlet PIT-IJ01 (Panel 3F) is below Reactor Pressure by 50 psig or more,

THEN **OPEN** V-16-2 and bump open V-16-13 to refill and pressurize the Cleanup System (Panel 3F). [ ]

22.4.8 **OBTAIN** OS permission and **ADJUST** the Plant Computer System to one cleanup pump operation mode. [ ]

22.4.9 **REMOVE** the placards placed at the following locations:

- Panel 3F for the heat balance adjustment to two cleanup pump operation. [ ]
- Letdown Flow Controller [ ]

22.4.10 **UPDATE** Main Condenser Performance Monitoring using the "MEGABW.XLS", IAW Procedure 323.1. [ ]

22.4.11 **CONFIRM** NMMS flow is in the required band if in service, per Procedure 303.1. [ ]

23.0 RESETTING A CLEANUP SYSTEM REDUNDANT HIGH PRESSURE ISOLATION

23.1 **CONFIRM** the condition that has caused the isolation has cleared. [ ]

23.1.1 IF necessary to relieve system pressure,

THEN **RELIEVE** pressure in the system as follows (Panel 3F):

1. **OPEN** LETDOWN TO CONDENSER V-16-60. [ ]
2. **THROTTLE** open LETDOWN FLOW CONTROLLER FCV-ND22. [ ]
3. **REDUCE** SYSTEM PRESS CONTROLLER PCV-ND11 pressure to approximately 80 psig. [ ]
4. **CLOSE** FCV-ND22. [ ]
5. **CLOSE** V-16-60. [ ]

23.2 **RESET** the redundant high pressure isolation (Panel ER-215-087) in the A/B Battery Room as follows:

23.2.1 **OBTAIN** the local Reset switch key (MB-1). (Chain locked in place) [ ]

23.2.2 **PLACE** the key in the switch and **PLACE** in RESET position. [ ]

23.2.3 **OBSERVE** amber HI PRESS light is extinguished. [ ]

23.3 **RETURN** the Reset switch to the AUTO position and **REMOVE** the key. [ ]

23.4 IF tripped,

THEN **RESET** the local starters for the following:

- V-16-2 [ ]
- V-16-14 [ ]

24.0 CONTROLLING SYSTEM PRESSURE WITH PCV ND-11 BYPASSED

24.1 Prerequisites

24.1.1 The Cleanup System is in operation per section 3.0 of this procedure. [ ]

24.1.2 The Senior Manger, Operations has given permission to operate the Cleanup System with PCV-ND11 bypassed. [ ]

24.2 Precautions and Limitations

24.2.1 Minimize the amount of time pressure is controlled with the bypass valve. Return PCV-ND11 to service as soon as possible.

24.2.2 The in-service Cleanup Filter may be bypassed at the discretion of the OS.

24.2.3 Monitor Cleanup System pressure on an hourly basis while controlling pressure with PCV-ND11 bypassed.

24.3 Instructions for Controlling System Pressure With PCV-ND11 Bypassed

24.3.1 **MAINTAIN** system flow at approximately 380-420 gpm using FCV-ND16. [ ]

24.3.2 **PLACE** SYSTEM PRESS CONTROLLER PCV-ND11 in MAN mode and **MAINTAIN** system pressure at approximately 80 psig. [ ]

24.3.3 **ESTABLISH** communications with the operator standing by at Bypass valve V-16-75 remote handwheel (RB 51'). [ ]

NUREG 1021

January 11, 2004
2130-05-20008

Richard J. Conte, Chief, Operational Safety Branch
U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Supplemental Submittal of Initial License Training NRC Written Examination Grading

In accordance with NUREG 1021, Revision 9, "Operating Licensing Examination Standards for Power Reactors", Oyster Creek Nuclear Generating Station is submitting revised comments on proposed changes to initial license NRC written examination questions and key for review and approval. This is in support of the NRC initial license written examination administered December 10, 2004.

In accordance with NUREG 1021, Revision 9, Section ES-201, please ensure that these materials are withheld from public disclosure until after the examinations are complete.

Please contact Greg Young at (609) 971-4196 with any questions concerning this letter or the information provided.

Respectfully,

Herbert G. Tritt, II
Facility Representative/Operations Support Manager
Oyster Creek Nuclear Generating Station

HGT/GPY/dif
Enclosure: (Delivered to John Caruso, Chief Examiner, NRC Region 1)
Comments on changes to exam questions and key

cc: R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek (w/o enclosures)
File No. 05015

'05 JAN 12 P2:43

RECEIVED
REGION 1

Oyster Creek is submitting the following changes to the NRC ILT written exam administered on December 10, 2004.

RO question 02:

The plant has experienced a loss of offsite power, and the following conditions exist:

- Buses 1C and 1D are being supplied by their respective EDGs
- RPV pressure is being maintained at 935 psig with Isolation Condensers
- Oyster Creek has been informed that offsite power will be restored no sooner than 72 hours

If a plant cooldown is commenced at the **MAXIMUM** allowable cooldown rate, what will be the **MINIMUM** time it takes to clear the shutdown cooling interlocks, assuming a constant cooldown rate?

A. 1.9 hours

B. 2.2 hours

C. 19 hours

D. 22 hours

Submitted answer explanation:
Maximum allowable cooldown rate during loss of AC power is 10 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. assumes the administrative limit of 90 deg. F/hr.
C. is the correct answer.
D. is incorrect, but plausible if a math error is committed.

Revised answer explanation:
Maximum cooldown is 10 deg. F/hr, unless; a high-pressure injection source is available and there is makeup available for the Isolation Condensers. Based on the conditions stated in the stem; Fire Diesels will automatically start due to a loss of the Pond pumps. This is an alternate source of makeup to the IC shell. The CRD pumps will be powered by the Emergency Diesels. These two conditions meet the requirements of ABN-36, LOSS OF OFF-SITE POWER, step 3.1.7, page 5 (previously provided). FSAR sections/pages 15.2.6.2.2 (page 15.2-5), 15.2.7.2 (page 15.2-7), page 6.3-4, 6.3.1.1.2 (page 6.3-8), page 6.3-9 also support this. Therefore the maximum cooldown rate is 90 deg. F/hr.

Maximum allowable cooldown rate during loss of AC power meeting the conditions in ABN-36, step 3.1.7 is 90 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

Calculation of time to reach SDC interlocks is 188 deg. F divided by 90 deg. F/hr which equals 2.088 hrs. Even when rounded to the nearest tenth, the calculated minimum time is 2.1 hours.

Since none of the distracters state this particular answer, there is no correct answer for this question.

Oyster Creek deleted this question

NUREG 1021

January 13, 2004
2130-05-20019

Richard J. Conte, Chief, Operational Safety Branch
U. S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

Oyster Creek Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Second Supplemental Submittal of Initial License Training NRC Written Examination Grading

In accordance with NUREG 1021, Revision 9, "Operating Licensing Examination Standards for Power Reactors", Oyster Creek Nuclear Generating Station is submitting a second set of revised comments on proposed changes to initial license NRC written examination questions and key for review and approval. This is in support of the NRC initial license written examination administered December 10, 2004.

In accordance with NUREG 1021, Revision 9, Section ES-201, please ensure that these materials are withheld from public disclosure until after the examinations are complete.

Please contact Greg Young at (609) 971-4196 with any questions concerning this letter or the information provided.

Respectfully,

Herbert G. Tritt, II
Facility Representative/Operations Support Manager
Oyster Creek Nuclear Generating Station

HGT/GPY/dif
Enclosure: (Delivered to John Caruso, Chief Examiner, NRC Region 1)
Comments on changes to exam questions and key

cc: R. J. Summers, USNRC Senior Resident Inspector, Oyster Creek (w/o enclosures)
File No. 05015

Oyster Creek is submitting the following changes to the NRC ILT written exam administered on December 10, 2004.

RO question 02:

The plant has experienced a loss of offsite power, and the following conditions exist:

- Buses 1C and 1D are being supplied by their respective EDGs
- RPV pressure is being maintained at 935 psig with Isolation Condensers
- Oyster Creek has been informed that offsite power will be restored no sooner than 72 hours

If a plant cooldown is commenced at the **MAXIMUM** allowable cooldown rate, what will be the **MINIMUM** time it takes to clear the shutdown cooling interlocks, assuming a constant cooldown rate?

A. 1.9 hours

B. 2.2 hours

C. 19 hours

D. 22 hours

Submitted answer explanation:
Maximum allowable cooldown rate during loss of AC power is 10 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

A. assumes a Tech Spec allowable cooldown rate of 100 deg. F/hr
B. assumes the administrative limit of 90 deg. F/hr.
C. is the correct answer.
D. is incorrect, but plausible if a math error is committed.

Revised answer explanation:
Maximum cooldown is 10 deg. F/hr, unless; a high-pressure injection source is available and there is makeup available for the Isolation Condensers. Based on the conditions stated in the stem; Fire Diesels will automatically start due to a loss of the Pond pumps. This is an alternate source of makeup to the IC shell. The CRD pumps will be powered by the Emergency Diesels. These two conditions meet the requirements of ABN-36, LOSS OF OFF-SITE POWER, step 3.1.7, page 5 (previously provided). FSAR sections/pages 15.2.6.2.2 (page 15.2-5), 15.2.7.2 (page 15.2-7), page 6.3-4, 6.3.1.1.2 (page 6.3-8), page 6.3-9 also support this. Therefore the maximum cooldown rate is 90 deg. F/hr.

Maximum allowable cooldown rate during loss of AC power meeting the conditions in ABN-36, step 3.1.7 is 90 deg. F/hr.
Starting temperature @ 935 psig is 538 deg. F
SDC interlocks clear @ 350 deg. F
Required cooldown of 188 deg. F to clear SDC interlocks.

Calculation of time to reach SDC interlocks is 188 deg. F divided by 90 deg. F/hr which equals 2.088 hrs. Even when rounded to the nearest tenth, the calculated minimum time is 2.1 hours.

Since none of the distracters state this particular answer, there is no correct answer for this question.

Oyster Creek deleted this question

RO question 35:

During startup, when the reactor is critical, SRM detectors are initially withdrawn when _____(1)_____ and SRM period will _____(2)_____ as the detectors **INITIALLY** start moving

A. (1) all SRMs are greater than 1 E5 cps
(2) become longer

B. (1) all SRMs are greater than 1 E5 cps
(2) become shorter

C. (1) three IRMs in each RPS system read 50% on range 1
(2) become longer

D. (1) three IRMs in each RPS system read 50% on range 1
(2) become shorter

Submitted answer explanation:
As SRM detectors are initially withdrawn, the move into a higher flux area of the core causing period to become shorter. Period will become longer/go negative only after the detectors pass beyond the high flux area.
A. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go shorter
B. is incorrect, detector withdrawal is dictated by IRM indication
C. is incorrect, as period will initially become shorter
D is correct

Revised answer explanation:

After a lengthy conversation with the Reactor Engineering Manager at Oyster Creek, we realize our original thought process was wrong. Our pull sheets are designed to achieve criticality in the range of Notch position 8 to 12. The Oyster Creek SRM detectors are located 18 inches above the core mid-plane when fully inserted. This corresponds to Notch position 18 when fully inserted. Therefore, the highest area of flux will be **above** the SRM detectors when we go critical. Pulling the SRM detectors will therefore cause SRM period to become longer as the detectors are withdrawn.

We are including a graph of the most recent reactor startup following our refueling outage. The graph shows all 4 SRM counts as a graphic plot. All four detectors were pulled when IRMs were above 50% of range 1 per procedure, and the plots show each SRM counts dropping as the detectors are being withdrawn. With SRM counts dropping, a negative period would be seen.

As SRM detectors are initially withdrawn, the move further away from a higher flux area of the core causing period to become longer.
A. is incorrect, detector withdrawal is dictated by IRM indication
B. is incorrect, detector withdrawal is dictated by IRM indication and period will initially go longer
C. is correct
D is incorrect, as period will initially become longer

Oyster Creek changed the correct answer to **C**

RO question 39:
Given the following:

- The plant is shutdown
- RPV pressure is 700 psig
- An I&C tech causes drywell pressure transmitter RE04A to fail upscale
- RWCU system isolates
- RE04A has been returned to service and drywell pressure is 1.2 psig
- RWCU pressure is 140 psig
- Filter bypass valve V-16-83 is OPEN

Based on the above, the RWCU system **SHOULD** _____(1)_____ and
the following actions are required, **in the stated sequence**, to open V-16-1: _____(2)_____

A. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, and reduce RWCU pressure to approximately 80 psig.

B. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, and depress DW ISOLATION RESET pushbutton on 4F.

C. (1) have isolated
(2) Depress DW ISOLATION RESET pushbutton on 4F, reset the redundant high pressure isolation keylock in A/B Battery Room, and reduce RWCU pressure to approximately 80 psig.

D. (1) **NOT** have isolated
(2) Reduce RWCU pressure to approximately 80 psig, depress DW ISOLATION RESET pushbutton on 4F, and reset the redundant high pressure isolation keylock in A/B Battery Room.

Submitted answer explanation:
High pressure isolation setpoint for primary and redundant isolation circuits is 130 psig. It takes two (one-out-of-two twice) high drywell pressure signals to cause an isolation. Therefore:
A is incorrect, as isolation should not have occurred.
B is incorrect, as the redundant high pressure trip must be reset also.
C is incorrect, as isolation should not have occurred.
D is correct, as the isolation should not have occurred and part (2) contains the correct sequence to re-open V-16-1.

Revised answer explanation:
Based on the conditions stated in the stem, RWCU system pressure reaches 140 psig, which is above the normal and backup RWCU pressure trip. This condition, with no stated time line, would trip the system. Since neither of the distracters (A & C) that state the system "SHOULD have isolated" have the subsequent actions in the correct order, there is no correct answer for this question. The correct sequence to restore V-16-1 to the open position is stated in part (2) of distracter D.

Oyster Creek deleted this question

ATTENTION: STEVE DENNIS

FAX COVER SHEET

DATE: 01-07-2005

TO: STEVE DENNIS

FROM: GREG YOUNG

TOTAL PAGES: 11, INCLUDING THIS SHEET

FAX NUMBER: 610-337-5354

ATTENTION: STEVE DENNIS

Group Heading **FIRE PROTECTION/DOM WATER**	**N - 2 - a**

FIRE PUMP 1 RUNNING

CAUSES:	SETPOINTS:	ACTUATING DEVICES:
Diesel driven Fire Pump 1-1 running. NOTE: Fire Pump #1 auto starts when Fire Protection Water System pressure drops to 75 ± 10 psig.	75 ± 10 psig	PS-811-0021, CR1 Relay 811 Reference Drawings: JC 19479, Sh 1 & 2 GU 3E-611-17-015

CONFIRMATORY ACTIONS:

Check for demand on Fire Protection Water System (Possible Fire or Line Break).

Check for trip of Pond Pump #1 or Pond Pump #2.

AUTOMATIC ACTIONS:

Trips Pond Pump #1 or Pond Pump #2 if running.

MANUAL CORRECTIVE ACTIONS:

If a fire exists, refer to 2000-ABN-3200.29, "Response to Fire". If fire pump start was caused by trip of the pond pump, reset the pond pump breaker. Return system to normal operation as necessary.

Group Heading **FIRE PROTECTION/DOM WATER**	**N - 3 - a**

POND PUMP 1 OL TRIP

CAUSES:	SETPOINTS:	ACTUATING DEVICES:
Overload trip of the Pond Pump #1.	56.7 amps	OLX Relay
		Reference Drawings: GE 157B6350, Sh 60 GU 3E-611-17-015

CONFIRMATORY ACTIONS:

Check for start of Pond Pump #2. Check for start of diesel driven fire pumps.

AUTOMATIC ACTIONS:

Pond Pump #2 starts automatically. Diesel driven fire protection pumps start on decreasing system pressure. Pump 1-1 starts at 75 psig, Pump 1-2 starts at 85 psig.

MANUAL CORRECTIVE ACTIONS:

Correct cause of pump motor overload and reset breaker overloads. Return system to normal as necessary.

Group Heading **FIRE PROTECTION/DOM WATER**	**N - 2 - b**

FIRE PUMP 2 RUNNING

CAUSES:	SETPOINTS:	ACTUATING DEVICES:
Diesel driven Fire Pump 1-2 running. NOTE: Fire pump #2 auto starts when Fire Protection Water System pressure drops to 85 ± 10 psig.	85 ± 10 psig.	PS-811-0022, CR2 Relay 811 Reference Drawings: BR 3021 JC 19479, Sh. 1 & 2 GU 3E-611-17-015 GU 3E-811-17-1000

CONFIRMATORY ACTIONS:

Check for demand on Fire Protection Water System (Possible Fire).

Check for trip of Pond Pump #1 or Pond Pump #2.

AUTOMATIC ACTIONS:

Trips Pond Pump #1 or Pond Pump #2 if running.

MANUAL CORRECTIVE ACTIONS:

If a fire exists, refer to 2000-ABN-3200.29, "Response to Fire". If fire pump was caused by a trip of the pond pump, reset the pond pump breaker. Return system to normal operation as necessary.

Group Heading FIRE PROTECTION/DOM WATER	N - 3 - b

POND PUMP 2 OL TRIP

CAUSES:	SETPOINTS:	ACTUATING DEVICES:
Overload trip or loss of power to Pond Pump #2.	56 amps	Relay 49X
		Reference Drawings: SN 13432.04-ESK-PP2 GU 3E-611-17-015

CONFIRMATORY ACTIONS:

Verify green indication light on Panel 13R for Pond Pump #2 is on and red indication light is off.

Check for start of Pond Pump #1. Check for start of diesel driven fire pumps, if required.

AUTOMATIC ACTIONS:

Pond Pump #1 starts automatically. Diesel driven fire protection pumps start on decreasing system pressure. Pump 1-1 starts at 75 psig, Pump 1-2 starts at 85 psig.

MANUAL CORRECTIVE ACTIONS:

Correct cause of pump motor overload and reset breaker overloads. Return system to normal as necessary.

AmerGen An Exelon/British Energy Company.	OYSTER CREEK GENERATING STATION PROCEDURE	Number ABN-48
Title		Revision No.
LOSS OF USS 1B2		0

ATTACHMENT ABN-48-4
USS 1B2 LOAD LIST

NOTE: This Attachment is **not** a complete load list, only components considered critical or requiring compensatory measures are listed.

RBCCW Pump 1-2

B CRD Pump NC08B

EF 1-6 Rx Bldg Exhaust Fan

B SDC Pump NU02B

C SDC Pump NU02C

Containment Spray Pump 1-3

Containment Spray Pump 1-4

Core Spray Booster Pump NZ03B

Core Spray Booster Pump NZ03C

DP-B2 Lighting Distribution Panel B2

MCC 1B21

MCC 1B22

MCC 1B23

MCC 1B24

VMCC 1B2

AmerGen. An Exelon/British Energy Company.	OYSTER CREEK GENERATING STATION PROCEDURE	Number ABN-48
Title LOSS OF USS 1B2		Revision No. 0

ATTACHMENT ABN-48-5

(continued)

VMCC 1B2 LOAD LIST

LPP-1B2A (Lighting Panel 1B2A)

NOTE: Loss of LPP-1B2A will start both fire diesels.

Fire Pump #1 Control Panel

Fire Pump #2 Control Panel

Local Fire Alarm Panel #3

PDP–733–058

Panel 17R Fuel Zone Level Inst. Channel 'B'

CHRMS Channel II

Div II Torus/Drywell Vent and Purge Isolation Ckt.

Rx Level/Press Recorder UR–622–024B

Isolation Valves V-38-41, 43, 44, and 46 on Control Room Panel 16R Power for H_2O_2 Monitoring System 'B'

Div II Torus Level / Drywell Pressure Recorder on Control Room Panel 16R H_2O_2 Monitoring System Channel 'B'

AmerGen. An Exelon/British Energy Company	OYSTER CREEK GENERATING STATION PROCEDURE	Number ABN-48
Title LOSS OF USS 1B2		Revision No. 0

ATTACHMENT ABN-48-5

VMCC 1B2 LOAD LIST

NOTE: This Attachment is **not** a complete load list, only components considered critical **or** requiring compensatory measures are listed.

B Battery MG Set/Charger

A Battery MG Set/Charger

MCC 1AB2 Normal Power

RPS MG Set 1-2

Post Accident Instrument Power Panel #2 (PDP-733-058)

RPS Transformer PS-1 Alternate Power

VLDP-1 Alternate Power

VACP-1 Normal Power

IP-4 Normal Power

Rotary Inverter to CIP 3

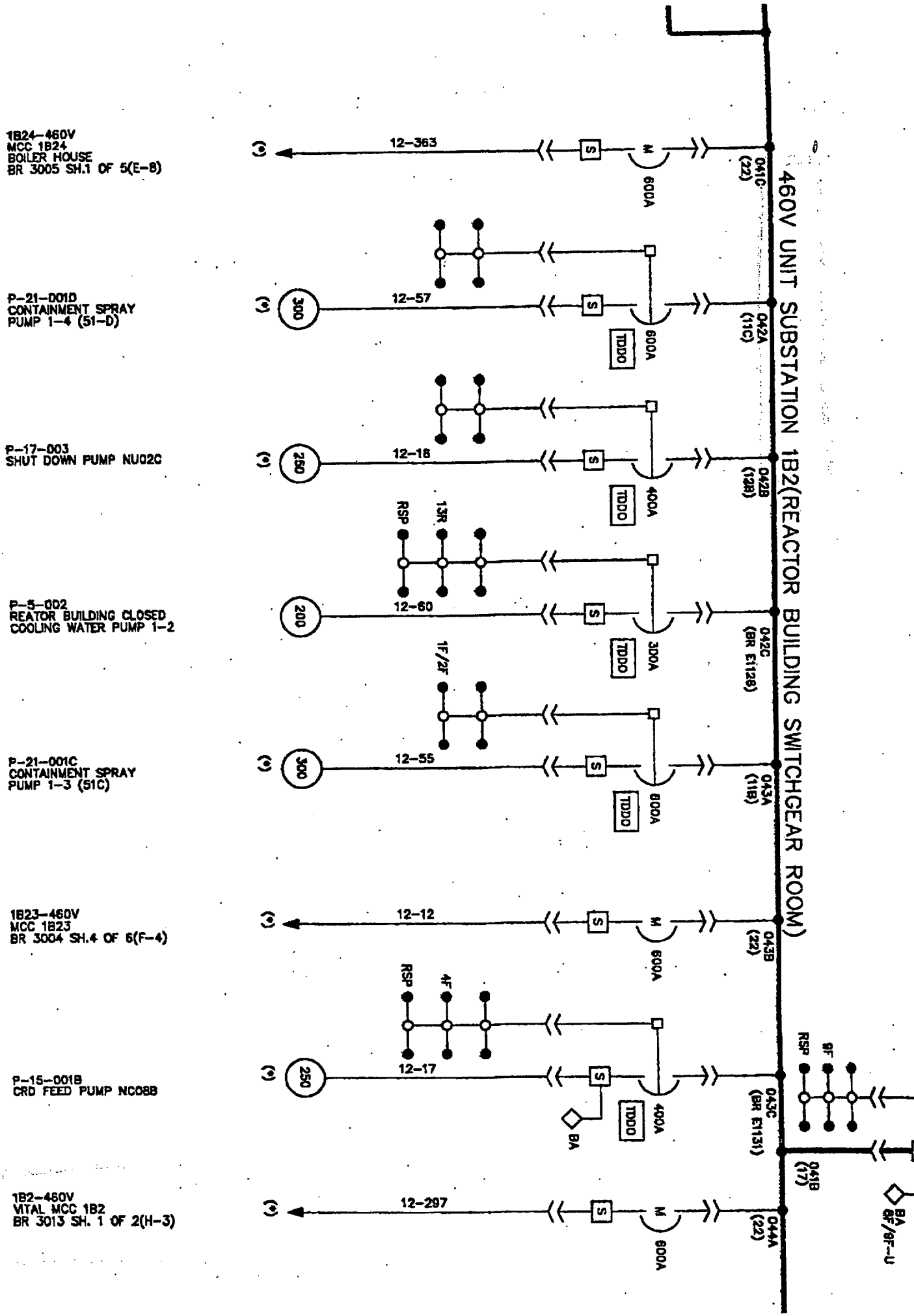
MCC 1B2A (Fire Pond MCC)

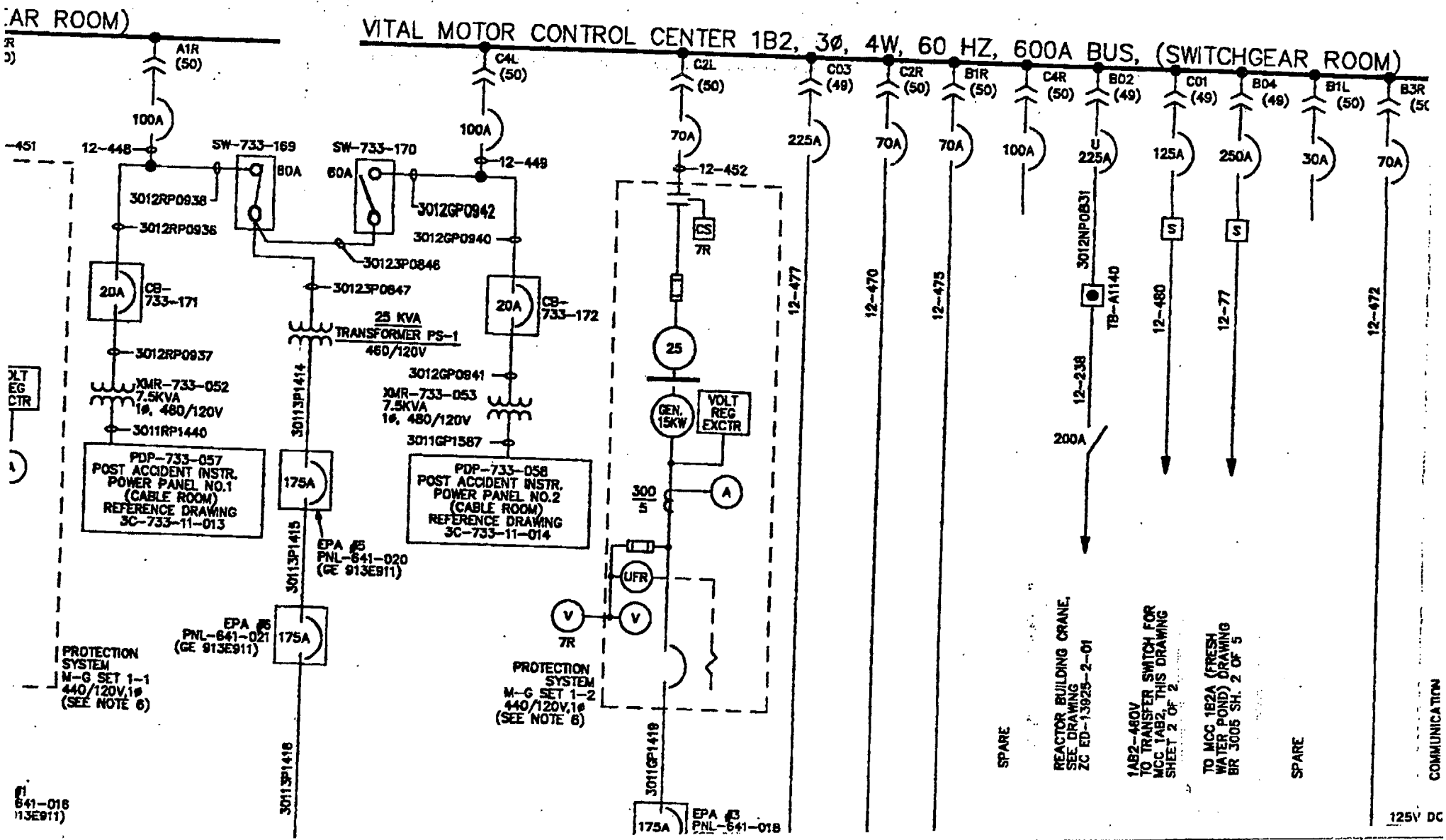
Communication P.A. Inverter

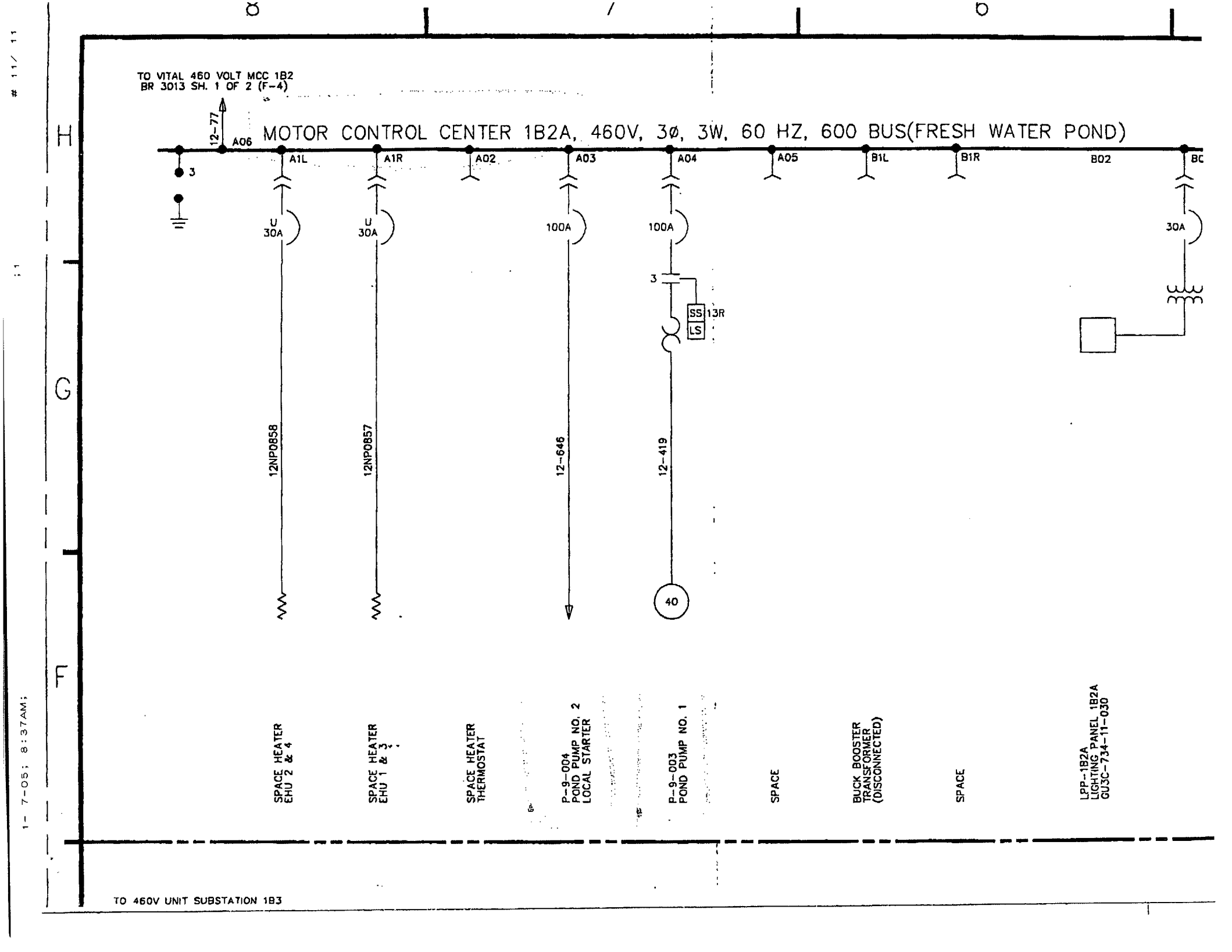
Reactor Bldg Crane

MCC 1B2A

LPP 1B2A


460V UNIT SUBSTATION 1B2(REACTOR BUILDING SWITCHGEAR ROOM)
1B24-460V
MCC 1B24
BOILER HOUSE
BR 3005 SH.1 OF 5(E-8)
12-363
S
M
600A
041C
(22)
P-21-001D
CONTAINMENT SPRAY
PUMP 1-4 (51-D)
300
12-57
S
TDDO
600A
042A
(11C)
P-17-003
SHUT DOWN PUMP NU02C
250
12-18
S
TDDO
400A
042B
(12B)
RSP
13R
P-5-002
REATOR BUILDING CLOSED
COOLING WATER PUMP 1-2
200
12-60
S
TDDO
300A
042C
(BR E1126)
1F/2F
P-21-001C
CONTAINMENT SPRAY
PUMP 1-3 (51C)
300
12-55
S
TDDO
600A
043A
(11B)
1B23-460V
MCC 1B23
BR 3004 SH.4 OF 6(F-4)
12-12
S
M
600A
043B
(22)
RSP
4F
P-15-001B
CRD FEED PUMP NC08B
250
12-17
S
BA
TDDO
400A
043C
(BR E1131)
RSP
9F
041B
(17)
BA
8F/8F-U
1B2-460V
VITAL MCC 1B2
BR 3013 SH. 1 OF 2(H-3)
12-297
S
M
600A
044A
(22)


VITAL MOTOR CONTROL CENTER 1B2, 3Ø, 4W, 60 HZ, 600A BUS, (SWITCHGEAR ROOM)
AR ROOM)
A1R (50)
C4L (50)
C2L (50)
C03 (49)
C2R (50)
B1R (50)
C4R (50)
B02 (49)
C01 (49)
B04 (49)
B1L (50)
B3R (5
100A
70A
225A
125A
250A
30A
12-448
12-449
12-452
SW-733-169
SW-733-170
80A
60A
3012RP0938
3012RP0936
3012GP0942
3012GP0940
30123P0846
30123P0847
20A CB-733-171
20A CB-733-172
25 KVA TRANSFORMER PS-1 460/120V
3012RP0937
3012GP0941
XMR-733-052 7.5KVA 1ø, 480/120V
XMR-733-053 7.5KVA 1ø, 480/120V
3011RP1440
3011GP1587
PDP-733-057 POST ACCIDENT INSTR. POWER PANEL NO.1 (CABLE ROOM) REFERENCE DRAWING 3C-733-11-013
PDP-733-058 POST ACCIDENT INSTR. POWER PANEL NO.2 (CABLE ROOM) REFERENCE DRAWING 3C-733-11-014
30113P1414
30113P1415
30113P1416
175A
EPA #5 PNL-641-020 (GE 913E911)
EPA #6 PNL-641-021 (GE 913E911)
EPA #3 PNL-641-018
CS
7R
25
GEN. 15KW
VOLT REG EXCTR
300/5
A
UFR
V
PROTECTION SYSTEM M-G SET 1-1 440/120V,1ø (SEE NOTE 6)
PROTECTION SYSTEM M-G SET 1-2 440/120V,1ø (SEE NOTE 6)
3011GP1418
3012NP0831
TB-A1140
12-238
200A
12-480
12-77
12-472
12-477
12-470
12-475
SPARE
REACTOR BUILDING CRANE, SEE DRAWING ZC ED-13925-2-01
1AB2-480V TO TRANSFER SWITCH FOR MCC 1AB2, THIS DRAWING SHEET 2 OF 2
TO MCC 1B2A (FRESH WATER POND) DRAWING BR 3005 SH. 2 OF 5
SPARE
COMMUNICATION
125V DC


TO VITAL 460 VOLT MCC 1B2
BR 3013 SH. 1 OF 2 (F-4)
12-77
A06
MOTOR CONTROL CENTER 1B2A, 460V, 3ø, 3W, 60 HZ, 600 BUS(FRESH WATER POND)
A1L
A1R
A02
A03
A04
A05
B1L
B1R
B02
BC
3
U
30A
U
30A
100A
100A
30A
3
SS
LS
13R
12NP0858
12NP0857
12-646
12-419
40
SPACE HEATER EHU 2 & 4
SPACE HEATER EHU 1 & 3
SPACE HEATER THERMOSTAT
P-9-004 POND PUMP NO. 2 LOCAL STARTER
P-9-003 POND PUMP NO. 1
SPACE
BUCK BOOSTER TRANSFORMER (DISCONNECTED)
SPACE
LPP-1B2A LIGHTING PANEL 1B2A GU3C-734-11-030
TO 460V UNIT SUBSTATION 1B3

From: <Jeffrey.Custer@exeloncorp.com>
To: <sxd2@nrc.gov>
Date: 1/3/05 9:54AM
Subject: Additional information regarding the Oyster Creek December exam

Action Required:
Recommendation:

Steve,

Attached please find three files. The Word file is the revised explanation of our three challenges we talked about last week. The PDF file is a copy of Procedure 420 for instrumentation setpoints. On page 9 of that procedure, it shows the isolation setpoints for the RWCU system in group 25. The Excel file is the data from our simulator startup we performed on Thursday showing SRM period response when pulling the SRM detectors.

In the Excel file, the page labeled "NRCniinfo1" is the raw data taken during the startup. The pages labeled "T_xsrmp1 through 4" show each channel SRM period response. The pages labeled "hwx03d193m through 196m" show each SRM channel counts. The pages labeled fnisrmtr(1) through (8) show the IRM detector response.

We pulled rods to achieve a constant period of approximately 80 to 100 seconds. At time 1176.9 seconds, the SRM detectors were all withdrawn from the core. This corresponds to the sharp downward trend in period. If you place your computer cursor over that point in each of the period graphs, it will show the data point and time taken. The SRM counts started a downward trend approximately 3 seconds after the SRM detectors were moving outward. The SRM detectors were then stopped when the counts reached approximately 1E4 cps, per procedure. On the IRM detector plots, the sharp downward trends denote when each detector range switch is being ranged up.

If you have any questions, please call me at (609) 971-4216.

R/
Jeff Custer

<<changes to the NRC exam administered 12-10-04.doc>> <<NRC NI Info.xls>>
<<Procedure 420 inst setpoints.pdf>>

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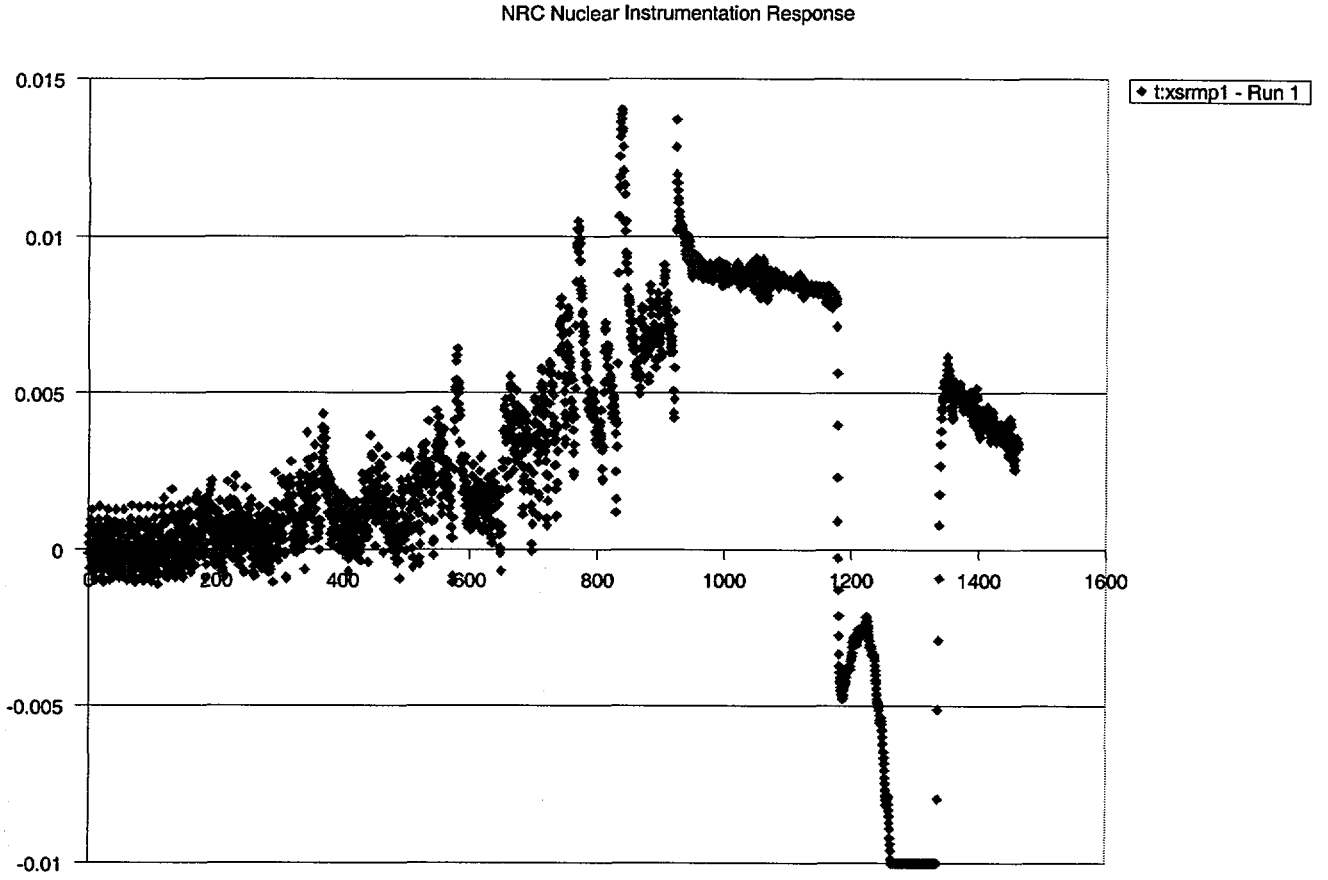
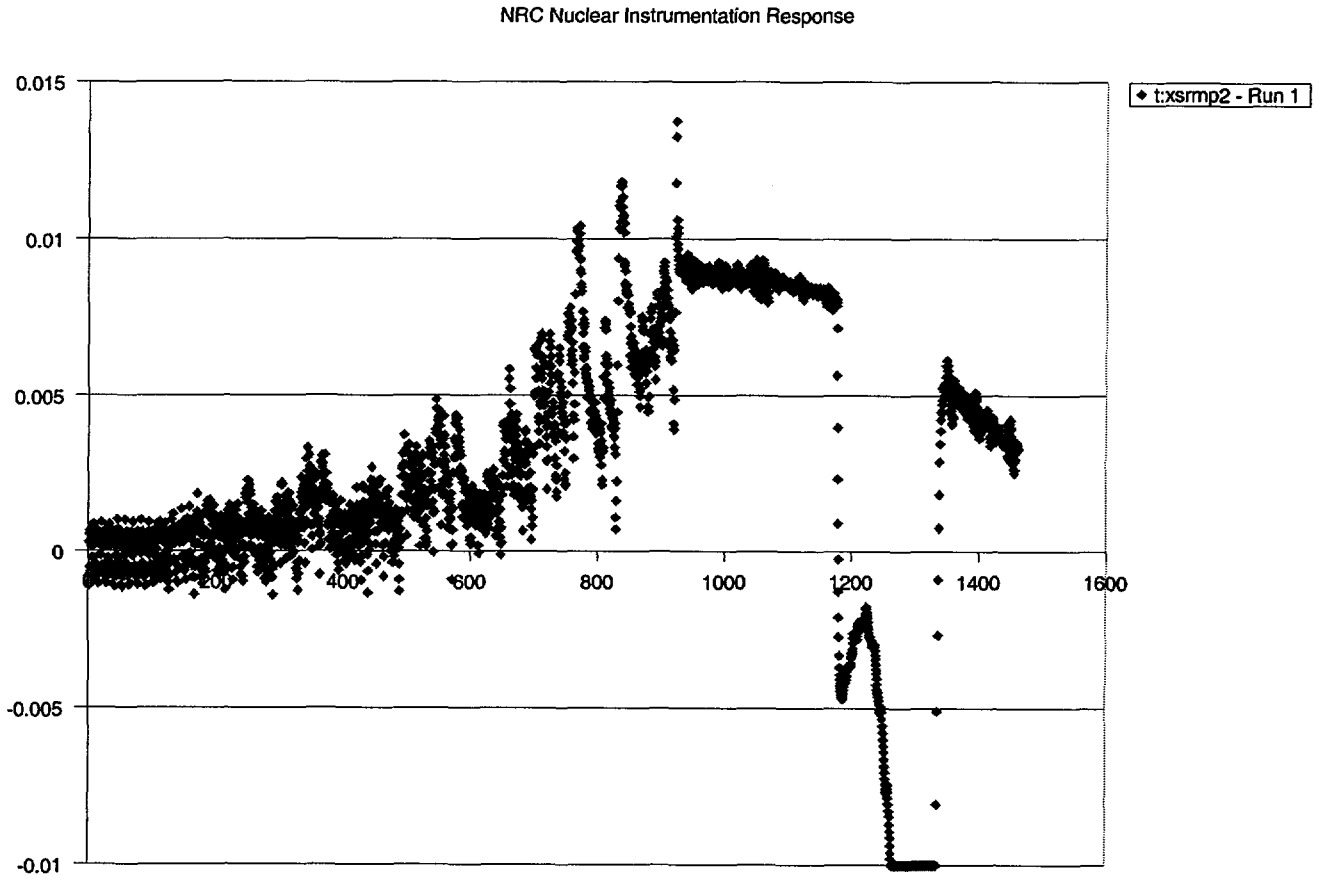
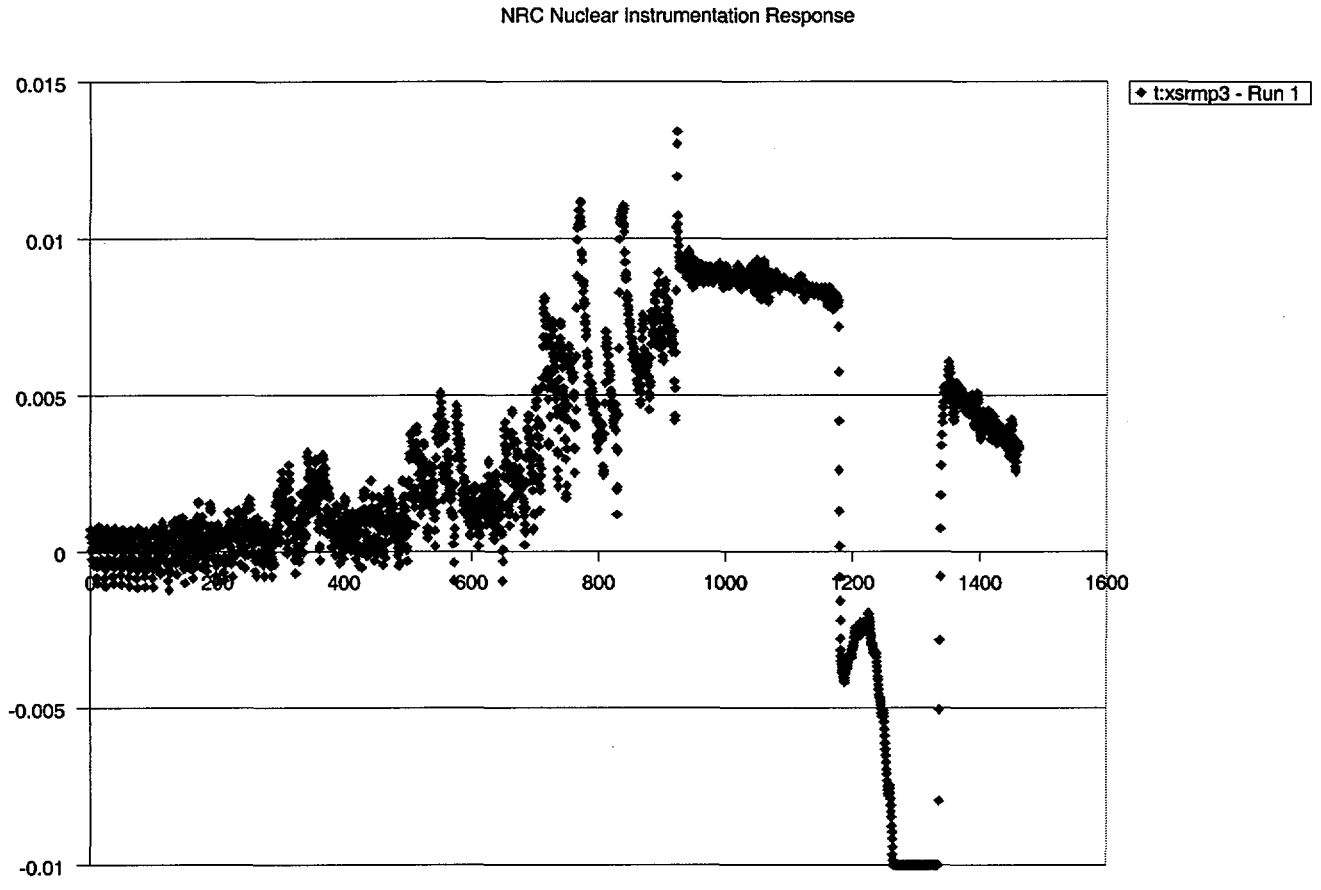
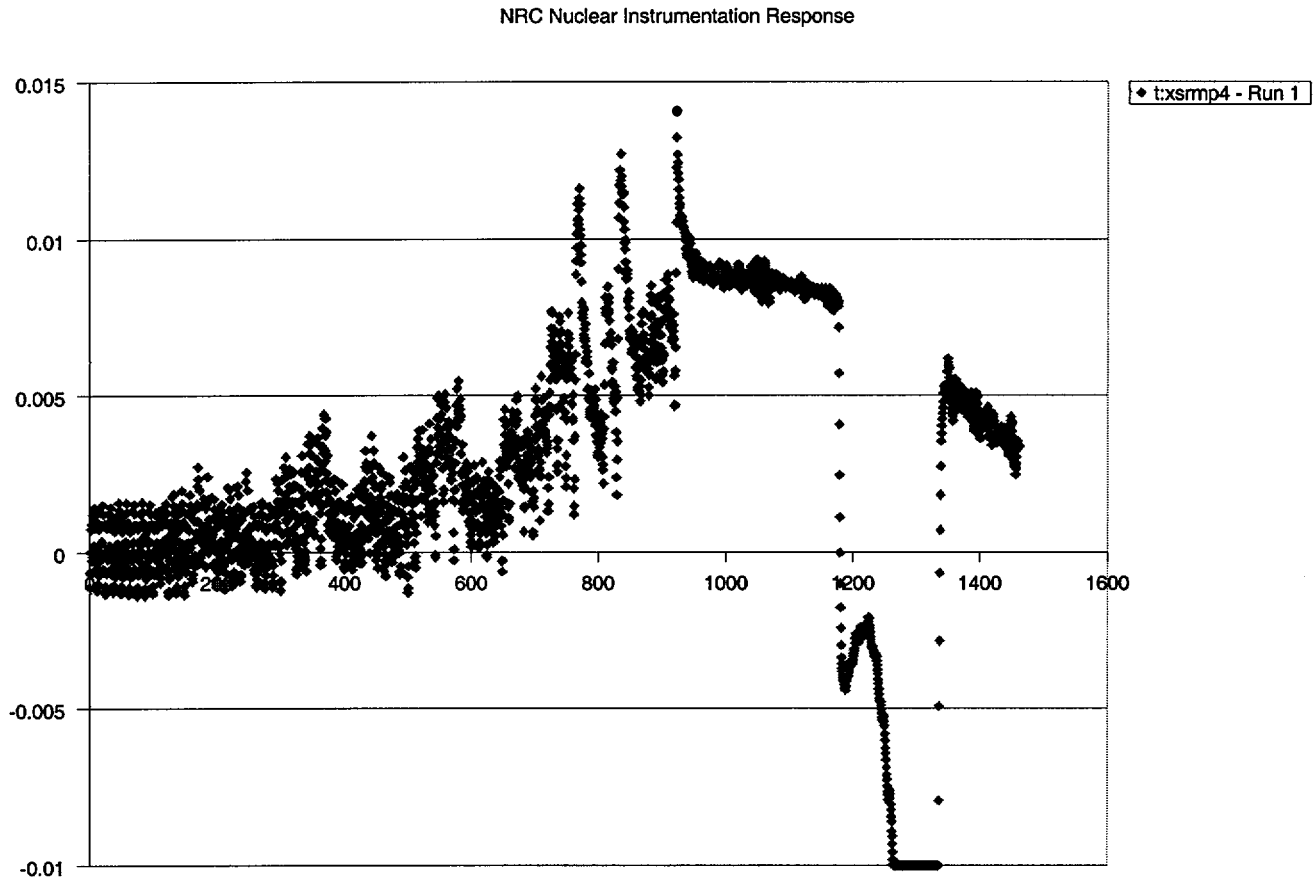
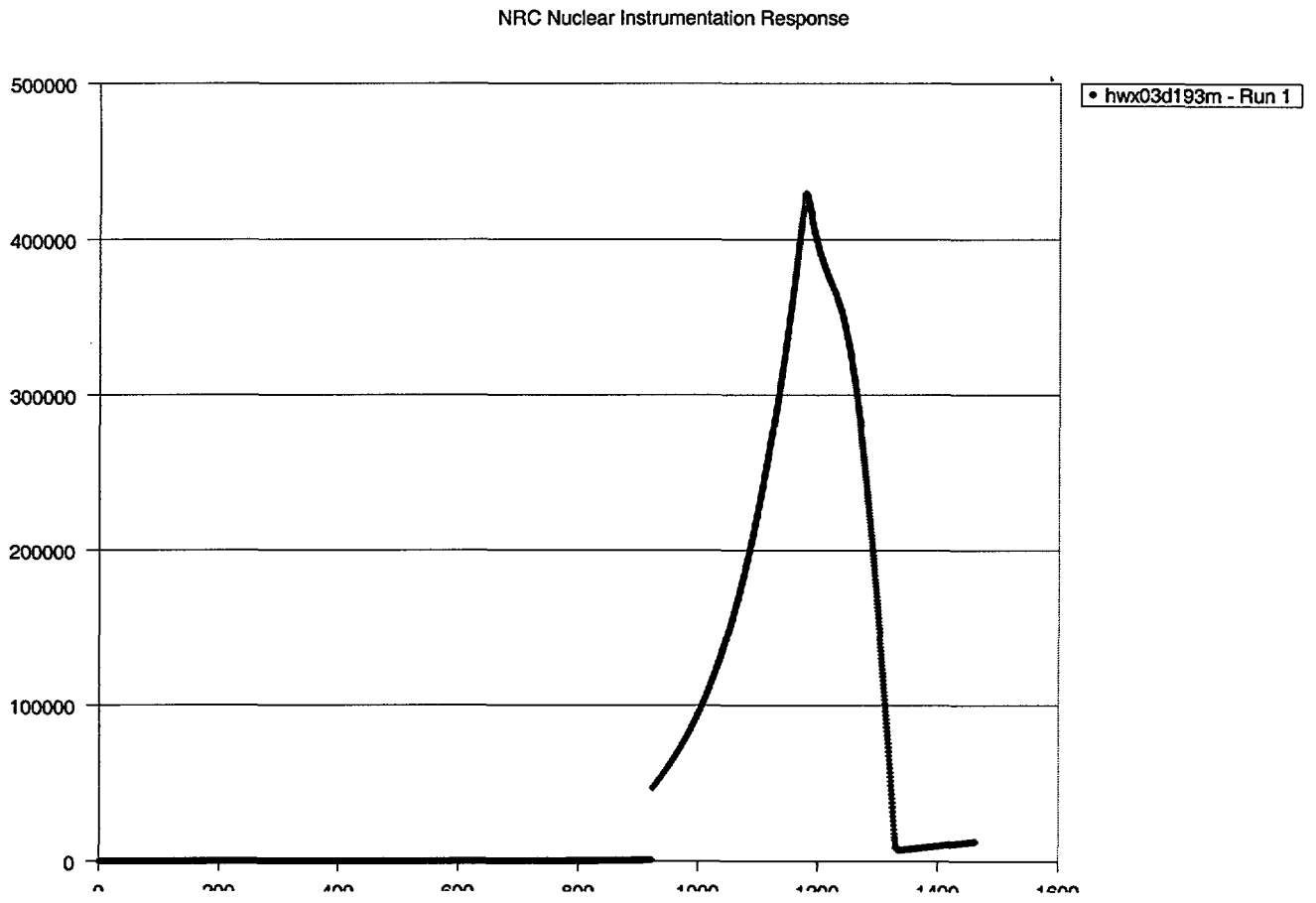
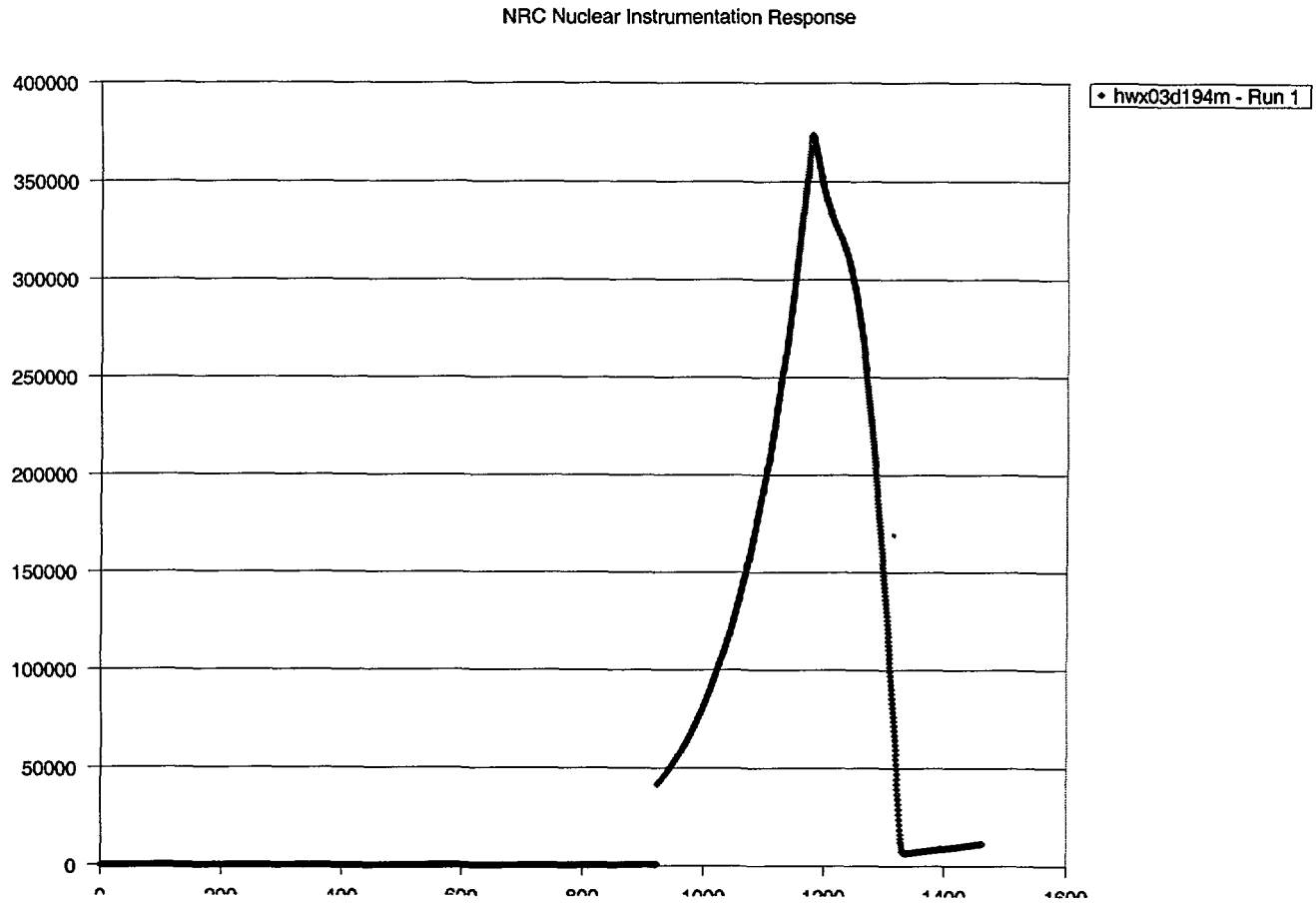

NRC Nuclear Instrumentation Response
t:xsrmp1 - Run 1
0.015
0.01
0.005
0
-0.005
-0.01
200
400
600
800
1000
1200
1400
1600

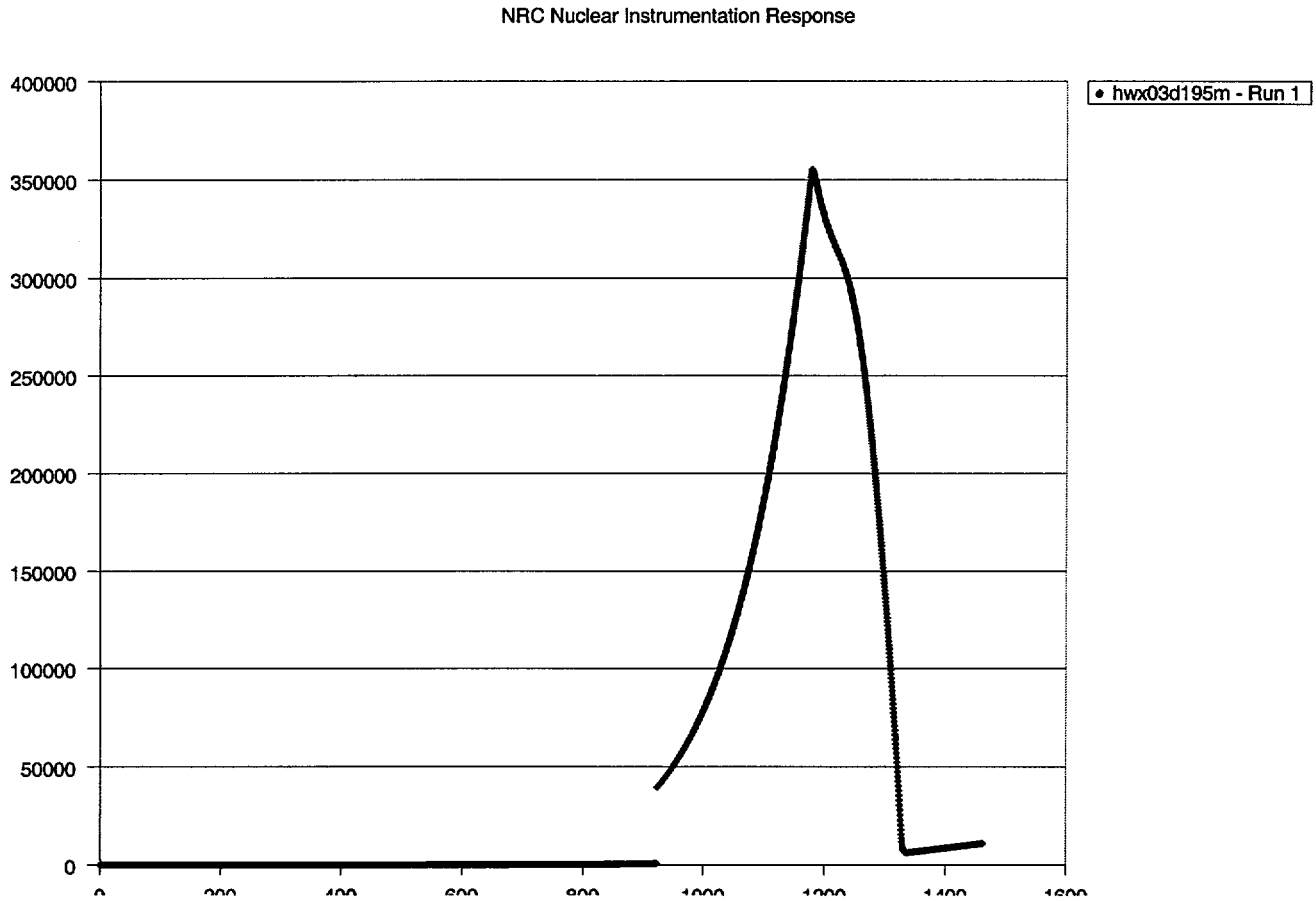

NRC Nuclear Instrumentation Response
t:xsrmp2 - Run 1
0.015
0.01
0.005
0
-0.005
-0.01
200
400
600
800
1000
1200
1400
1600

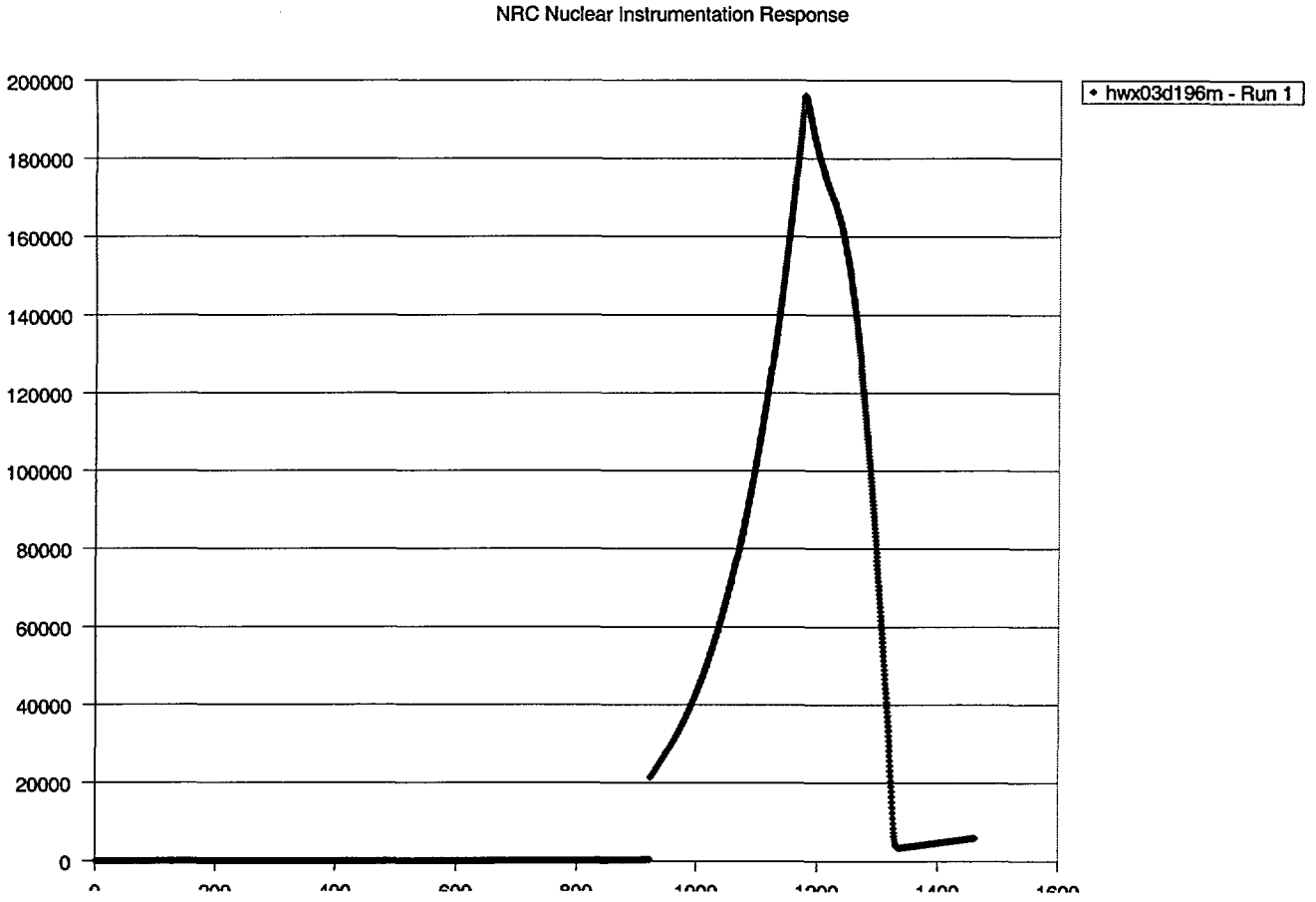

NRC Nuclear Instrumentation Response
t:xsrmp3 - Run 1
0.015
0.01
0.005
0
-0.005
-0.01
400
600
800
1000
1200
1400
1600

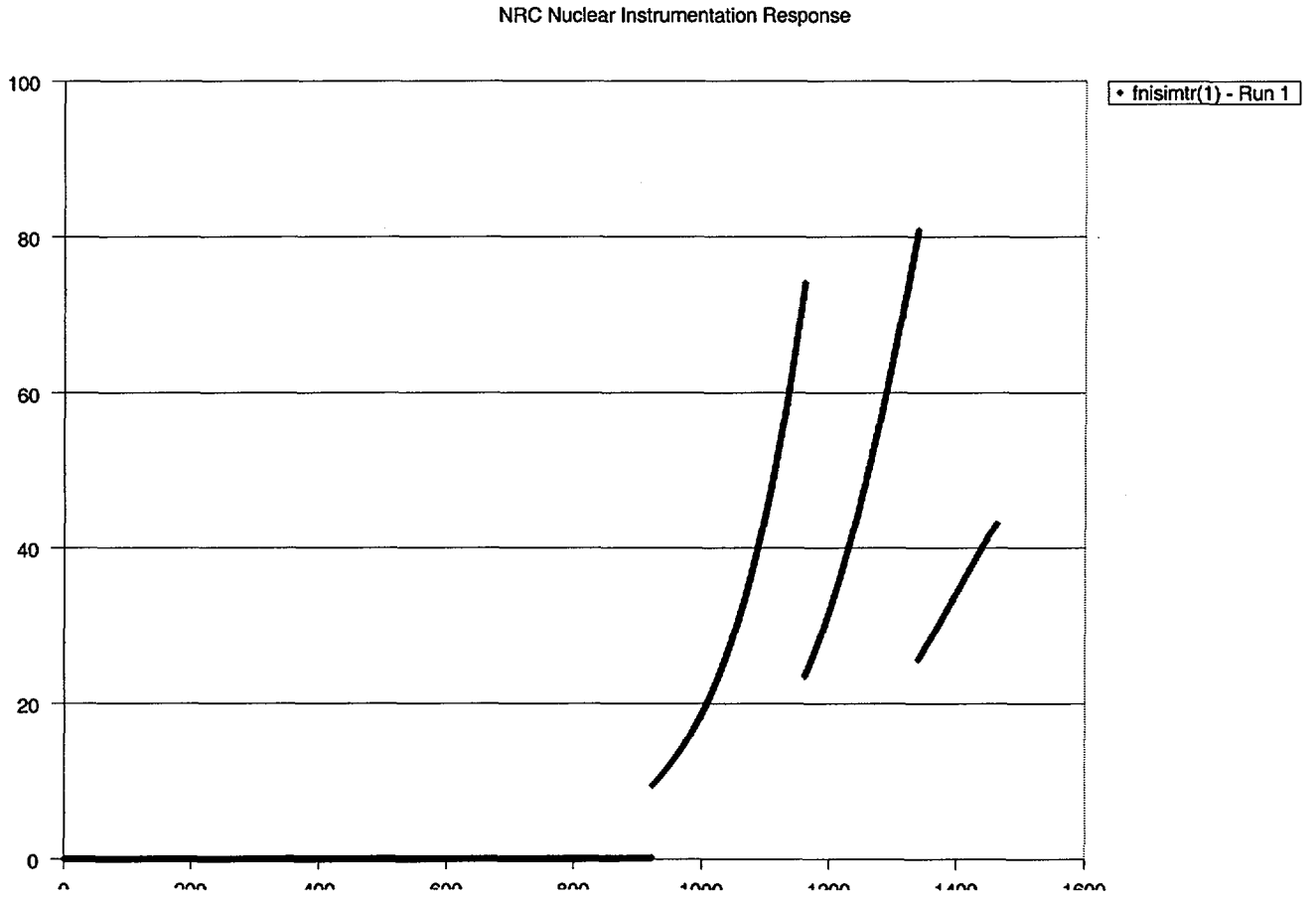

NRC Nuclear Instrumentation Response
t:xsrmp4 - Run 1
0.015
0.01
0.005
0
-0.005
-0.01
400
600
800
1000
1200
1400
1600

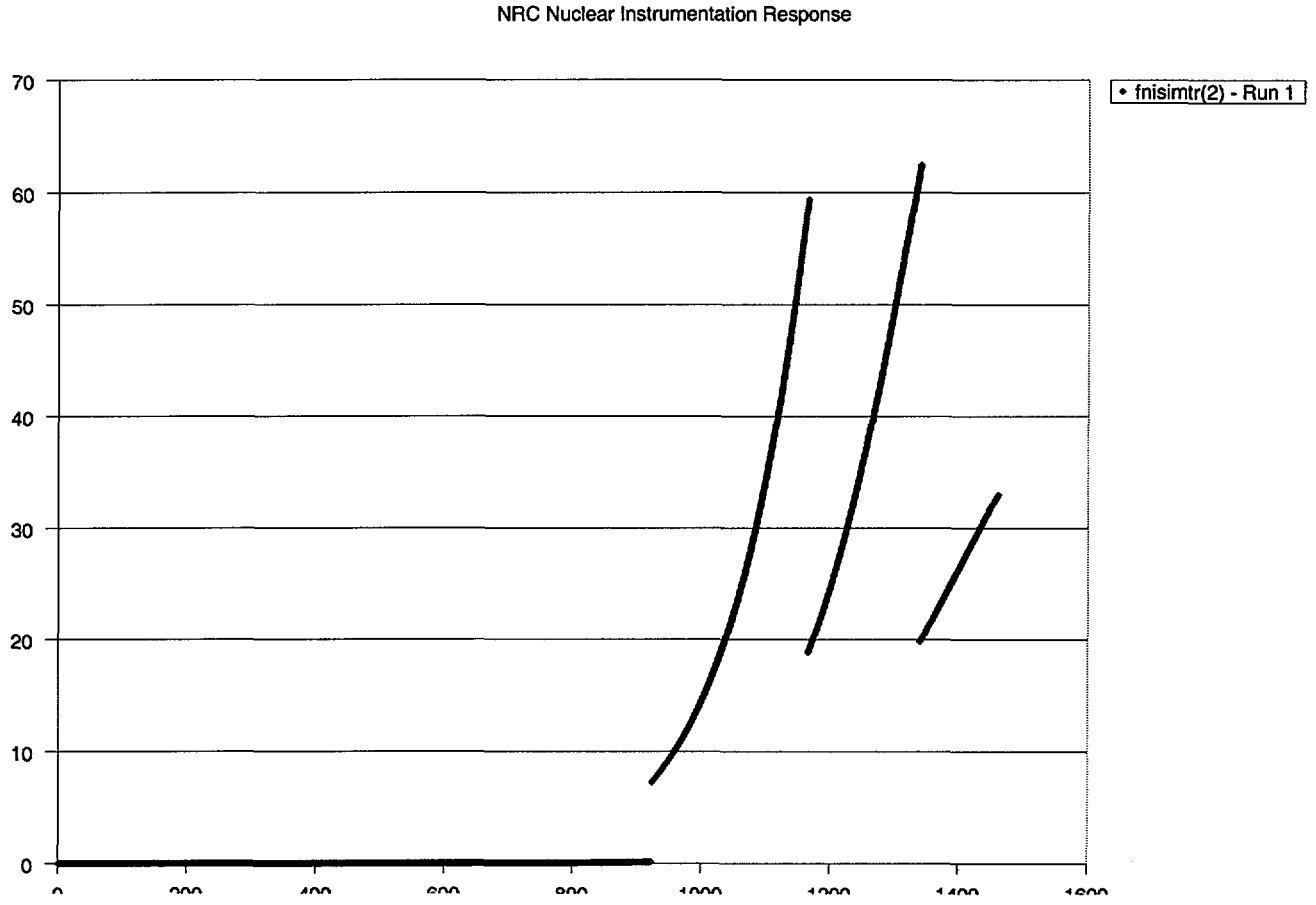

NRC Nuclear Instrumentation Response
500000
400000
300000
200000
100000
0
• hwx03d193m - Run 1

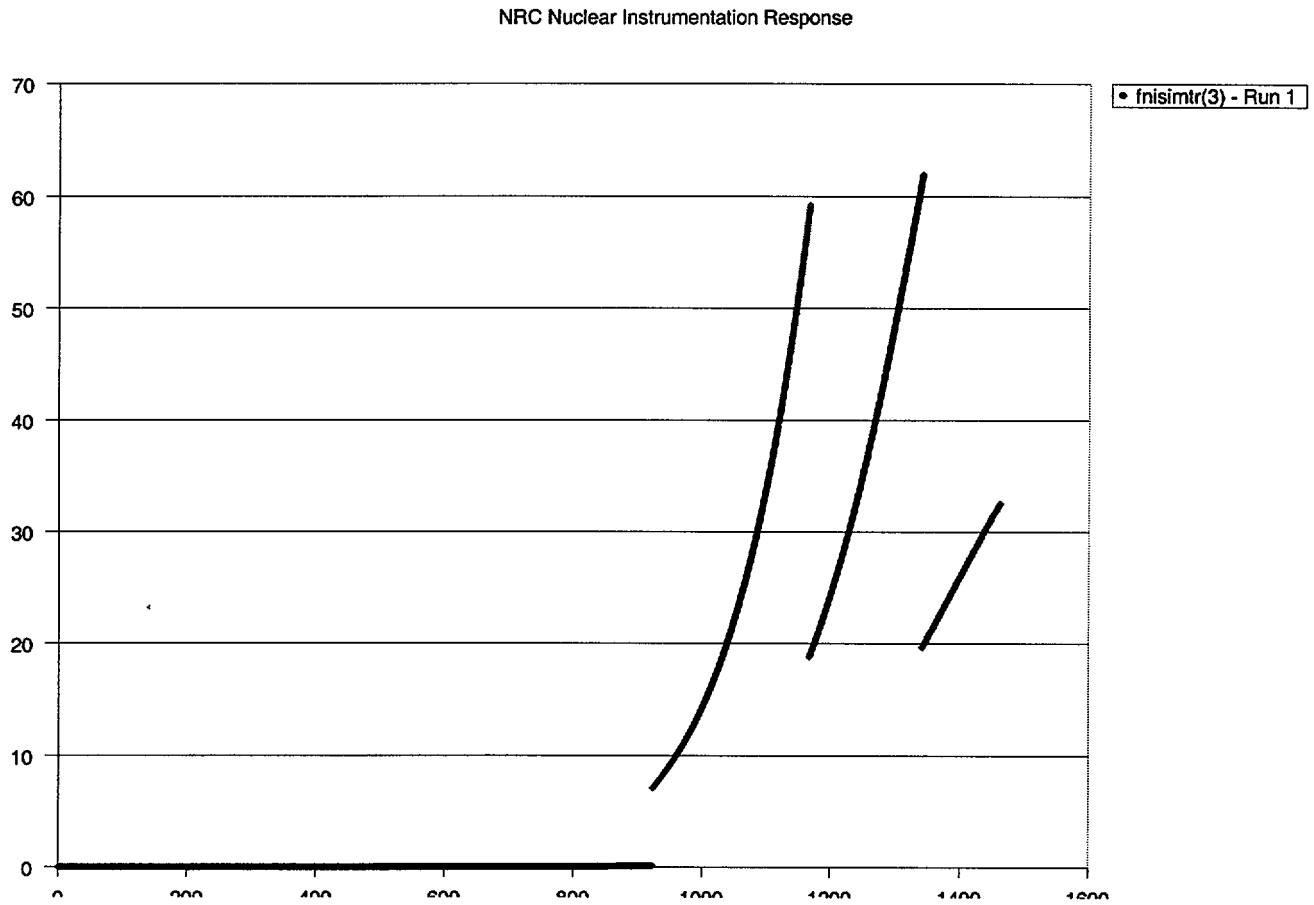

NRC Nuclear Instrumentation Response
400000
350000
300000
250000
200000
150000
100000
50000
0
hwx03d194m - Run 1

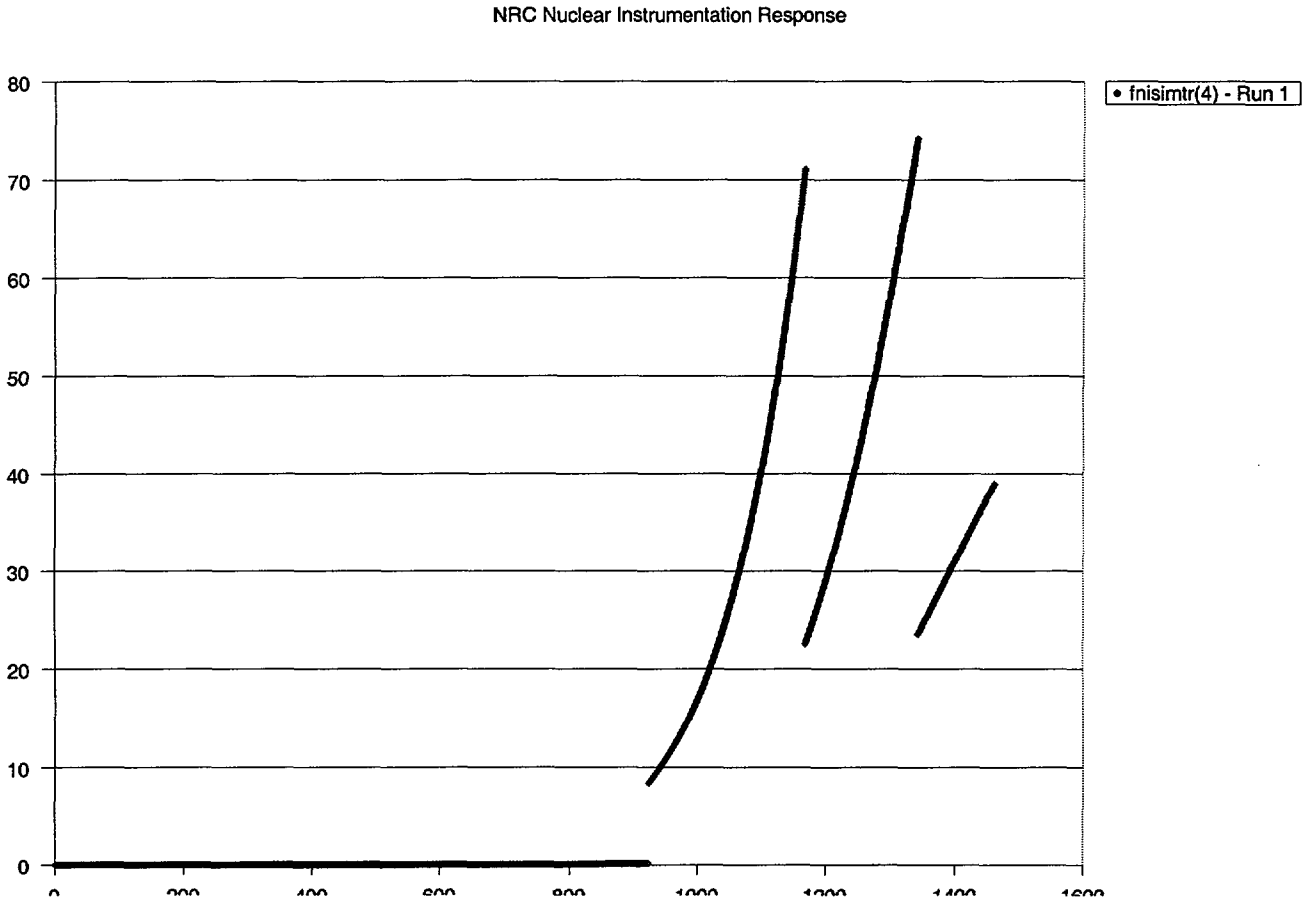

NRC Nuclear Instrumentation Response
400000
350000
300000
250000
200000
150000
100000
50000
0
hwx03d195m - Run 1

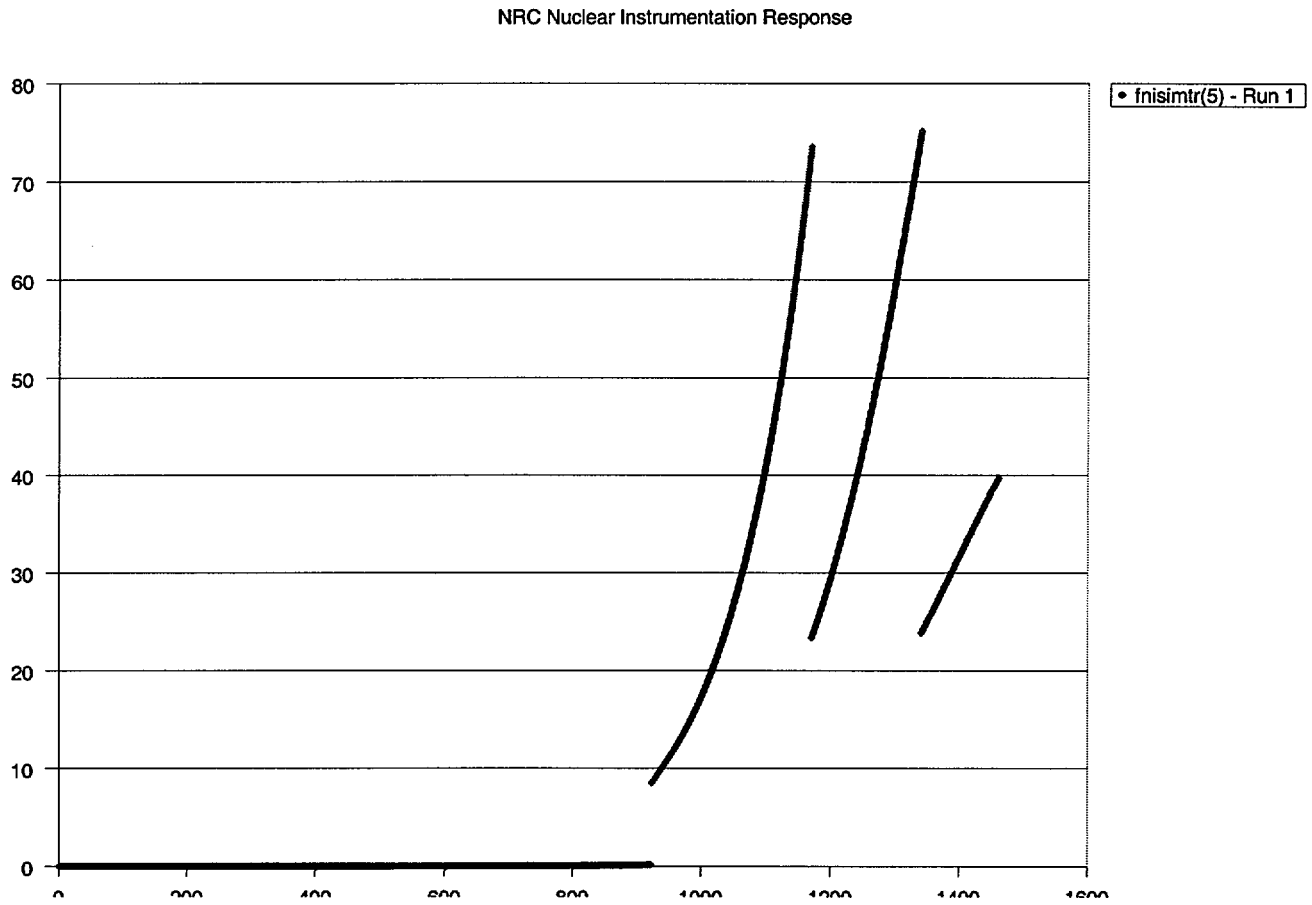

NRC Nuclear Instrumentation Response
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
• hwx03d196m - Run 1

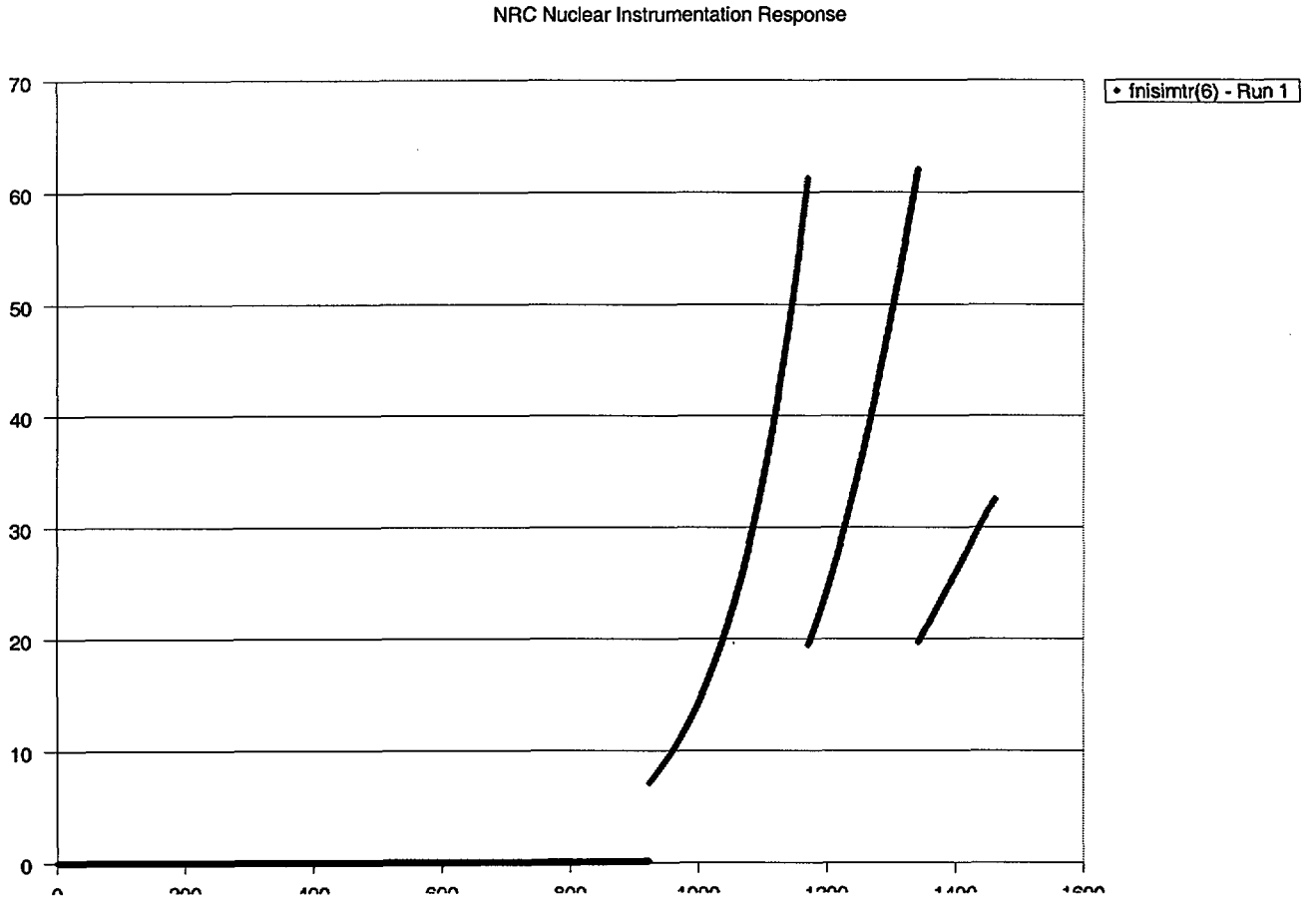

NRC Nuclear Instrumentation Response
100
80
60
40
20
0
fnisimtr(1) - Run 1

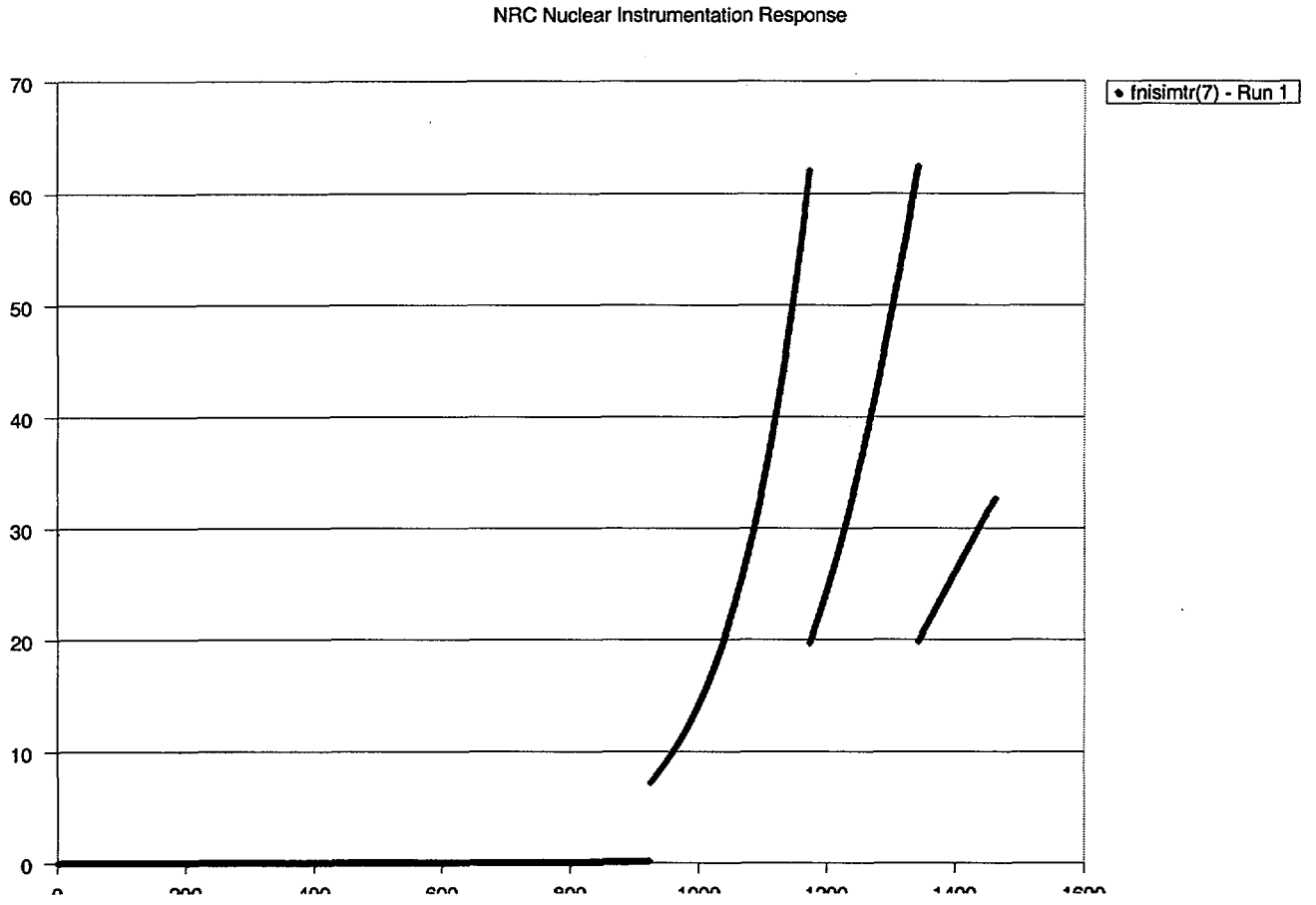

NRC Nuclear Instrumentation Response
70
60
50
40
30
20
10
0
fnisimtr(2) - Run 1

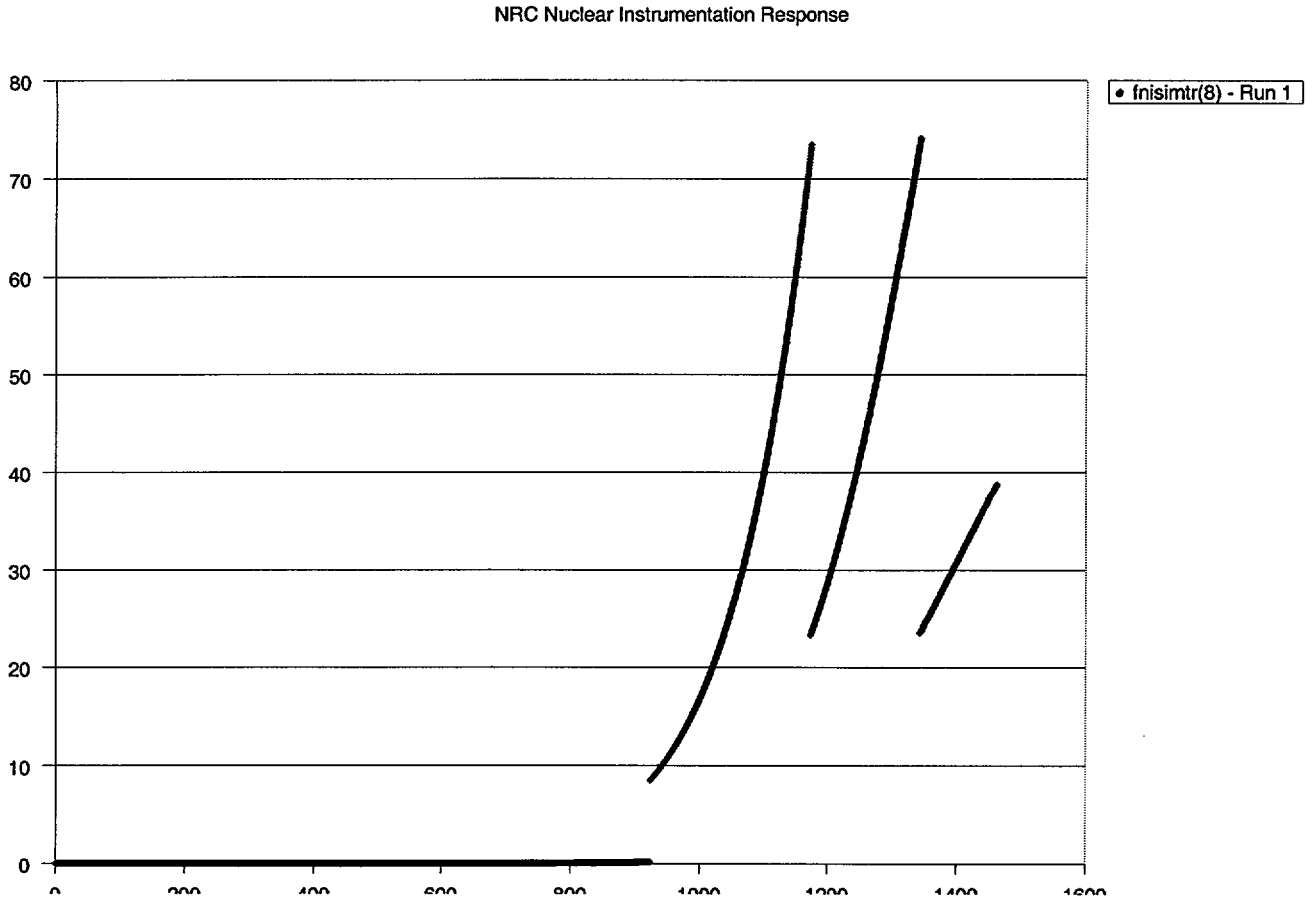

NRC Nuclear Instrumentation Response
fnisimtr(3) - Run 1
70
60
50
40
30
20
10
0


NRC Nuclear Instrumentation Response
• fnisimtr(4) - Run 1
80
70
60
50
40
30
20
10
0


NRC Nuclear Instrumentation Response
fnisimtr(5) - Run 1
80
70
60
50
40
30
20
10
0


NRC Nuclear Instrumentation Response
fnisimtr(6) - Run 1
70
60
50
40
30
20
10
0


NRC Nuclear Instrumentation Response
70
60
50
40
30
20
10
0
fnisimtr(7) - Run 1


NRC Nuclear Instrumentation Response
fnisimtr(8) - Run 1
80
70
60
50
40
30
20
10
0

CLOCKWC	t:xsrmp1	t:xsrmp2	t:xsrmp3	t:xsrmp4	hwx03d193	hwx03d194	hwx03d195	hwx03d196
0.4	-0.00012	-0.00080	0.00049	-0.00112	111.7079	104.8288	103.635	52.13768
0.9	0.00044	0.00029	0.00072	-0.00064	111.7499	104.8336	103.7472	52.16929
1.4	0.00019	-0.00052	2.49E-05	1.02E-05	111.6965	104.8736	103.767	52.22516
1.9	-0.00060	-0.00101	0.00069	0.00074	111.5473	104.9485	103.6942	52.1246
2.4	0.00015	0.00066	0.00066	-0.00069	111.5599	104.7964	103.7776	52.22558
2.9	-1.04E-05	0.00057	-0.00023	0.00091	111.7369	104.9318	103.765	52.16827
3.4	0.00074	0.00052	0.00029	1.94E-05	111.55	104.8426	103.6564	52.13326
3.9	0.00094	-0.00106	0.00014	-0.00026	111.5346	104.938	103.6777	52.1249
4.4	-0.00027	-0.00067	-0.00029	-0.00014	111.5908	104.8927	103.6764	52.21184
4.9	-9.42E-05	0.00016	0.00044	0.00121	111.5497	104.8808	103.5811	52.14158
5.4	0.00127	-0.00084	0.00044	0.00017	111.6697	104.8974	103.6415	52.09205
5.9	-0.00041	0.00046	-0.00044	-0.00021	111.6905	104.9459	103.6063	52.06501
6.4	-0.00060	-0.00022	0.00012	-0.00012	111.6157	104.7735	103.7332	52.0622
6.9	0.00054	-0.00024	-0.00039	0.00024	111.7042	104.8875	103.7631	52.08107
7.4	0.00063	-0.00023	0.00040	0.00079	111.692	104.7759	103.6959	52.12171
7.9	2.24E-05	0.00017	0.00041	0.00143	111.5818	104.6974	103.7889	52.18548
8.4	-0.00098	0.00086	-0.00042	-0.00060	111.6375	104.9074	103.7871	52.09159
8.9	-0.00073	-0.00061	0.00017	0.00120	111.5975	104.8965	103.6927	52.20239
9.4	0.00069	0.00044	9.07E-05	-9.26E-05	111.7236	104.9186	103.7584	52.15574
9.9	-0.00093	-0.00043	-0.00082	-0.00061	111.7503	104.7165	103.7284	52.1315
10.4	-0.00099	0.00065	-0.00047	-0.00051	111.5875	104.7642	103.6703	52.13317
10.9	-0.00028	0.00035	-0.00028	0.00100	111.6017	104.8696	103.7551	52.23492
11.4	-0.00047	0.00019	-0.00101	-0.00048	111.782	104.7535	103.7453	52.17917
11.9	0.00029	0.00050	-0.00038	-0.00112	111.5978	104.921	103.639	52.14539
12.4	0.00050	0.00072	-0.00045	-0.00123	111.5792	104.8667	103.6922	52.13441
12.9	6.88E-07	-0.00068	0.00061	-0.00099	111.7234	104.8423	103.6481	52.14493
13.4	0.00054	0.00039	0.00081	-0.00053	111.7666	104.8481	103.7612	52.17708
13.9	0.00023	-0.00048	6.27E-05	4.96E-05	111.7109	104.8861	103.7791	52.23189
14.4	-0.00059	-0.00100	0.00070	0.00075	111.5553	104.9553	103.7007	52.12832
14.9	0.00012	0.00062	0.00063	-0.00073	111.5626	104.7986	103.7796	52.22684
15.4	-7.61E-05	0.00051	-0.00029	0.00085	111.7367	104.9313	103.7644	52.16815
15.9	0.00070	0.00048	0.00025	-2.58E-05	111.5499	104.8422	103.6558	52.13315
16.4	0.00096	-0.00105	0.00015	-0.00025	111.5417	104.9439	103.6834	52.12818
16.9	-0.00022	-0.00062	-0.00025	-8.66E-05	111.6079	104.9076	103.6908	52.21983
17.4	-2.26E-07	0.00025	0.00053	0.00131	111.575	104.9031	103.6027	52.15342
17.9	0.00138	-0.00073	0.00054	0.00028	111.7022	104.9263	103.6695	52.1073
18.4	-0.00030	0.00058	-0.00033	-9.02E-05	111.7315	104.9824	103.6417	52.08422
18.9	-0.00048	-0.00011	0.00023	-4.86E-06	111.6602	104.8132	103.7718	52.08306
19.4	0.00065	-0.00013	-0.00028	0.00036	111.7544	104.9324	103.8068	52.10464
19.9	0.00072	-0.00014	0.00049	0.00089	111.7471	104.8254	103.7441	52.14765
20.4	0.00011	0.00025	0.00049	0.00152	111.6374	104.7473	103.8375	52.21163
20.9	-0.00091	0.00093	-0.00035	-0.00053	111.6945	104.9588	103.8371	52.11843
21.4	-0.00070	-0.00058	0.00020	0.00123	111.652	104.9458	103.7406	52.22812
21.9	0.00068	0.00043	8.51E-05	-9.97E-05	111.7724	104.9627	103.8013	52.17873
22.4	-0.00096	-0.00046	-0.00085	-0.00064	111.7955	104.7573	103.7681	52.15277
22.9	-0.00106	0.00058	-0.00053	-0.00058	111.6237	104.797	103.7022	52.15026
23.4	-0.00038	0.00026	-0.00037	0.00090	111.6307	104.896	103.7808	52.24864
23.9	-0.00056	0.00010	-0.00110	-0.00058	111.8051	104.7745	103.7658	52.19009

24.4	0.00017	0.00039	-0.00049	-0.00124	111.6153	104.9371	103.6546	52.1537
24.9	0.00040	0.00062	-0.00054	-0.00133	111.5895	104.8763	103.7016	52.13932
25.4	-8.85E-05	-0.00077	0.00053	-0.00108	111.7315	104.8498	103.6553	52.14875
25.9	0.00047	0.00032	0.00074	-0.00061	111.7771	104.8578	103.7706	52.18206
26.4	0.00023	-0.00049	5.74E-05	4.48E-05	111.7268	104.9006	103.7932	52.23941
26.9	-0.00056	-0.00098	0.00073	0.00078	111.5754	104.9735	103.7185	52.13782
27.4	0.00017	0.00068	0.00068	-0.00067	111.5896	104.8229	103.8033	52.23956
27.9	-4.36E-06	0.00058	-0.00022	0.00092	111.7652	104.957	103.7895	52.18158
28.4	0.00075	0.00054	0.00030	3.16E-05	111.5793	104.8687	103.6818	52.14703
28.9	0.00097	-0.00104	0.00017	-0.00023	111.5695	104.969	103.7079	52.14127
29.4	-0.00024	-0.00064	-0.00027	-0.00011	111.6264	104.9244	103.7073	52.22859
29.9	-6.72E-05	0.00019	0.00047	0.00124	111.5844	104.9117	103.6112	52.1579
30.4	0.00127	-0.00083	0.00045	0.00018	111.7054	104.9292	103.6725	52.10881
30.9	-0.00040	0.00048	-0.00042	-0.00019	111.7271	104.9786	103.6381	52.08222
31.4	-0.00060	-0.00022	0.00012	-0.00012	111.6481	104.8024	103.7613	52.0774
31.9	0.00052	-0.00026	-0.00041	0.00022	111.7356	104.9155	103.7903	52.09582
32.4	0.00061	-0.00025	0.00038	0.00077	111.7235	104.804	103.7233	52.13651
32.9	3.45E-05	0.00018	0.00042	0.00144	111.6155	104.7274	103.8182	52.20129
33.4	-0.00098	0.00086	-0.00042	-0.00060	111.6702	104.9368	103.8156	52.10698
33.9	-0.00074	-0.00062	0.00016	0.00119	111.6282	104.9241	103.7196	52.21686
34.4	0.00069	0.00044	8.87E-05	-9.56E-05	111.7568	104.9484	103.7874	52.17133
34.9	-0.00090	-0.00041	-0.00080	-0.00059	111.7904	104.7524	103.7635	52.15035
35.4	-0.00095	0.00068	-0.00043	-0.00047	111.6257	104.7986	103.7038	52.15119
35.9	-0.00027	0.00037	-0.00027	0.00102	111.6393	104.9035	103.7882	52.25268
36.4	-0.00047	0.00019	-0.00101	-0.00048	111.8195	104.7872	103.7783	52.19683
36.9	0.00028	0.00049	-0.00039	-0.00114	111.6285	104.9488	103.6661	52.15987
37.4	0.00046	0.00067	-0.00049	-0.00128	111.6064	104.8913	103.7163	52.14724
37.9	-5.63E-05	-0.00074	0.00056	-0.00105	111.7473	104.8638	103.6691	52.15617
38.4	0.00048	0.00033	0.00076	-0.00059	111.7868	104.8664	103.7791	52.18661
38.9	0.00018	-0.00053	1.64E-05	3.26E-07	111.728	104.9015	103.7942	52.23994
39.4	-0.00066	-0.00107	0.00064	0.00068	111.568	104.9669	103.7121	52.13431
39.9	5.90E-05	0.00057	0.00057	-0.00078	111.5735	104.8084	103.7893	52.23197
40.4	-0.00011	0.00048	-0.00032	0.00081	111.7454	104.9392	103.7722	52.17228
40.9	0.00065	0.00043	0.00020	-7.70E-05	111.5542	104.8461	103.6597	52.13517
41.4	0.00088	-0.00113	7.83E-05	-0.00033	111.5388	104.9414	103.681	52.12683
41.9	-0.00031	-0.00071	-0.00033	-0.00018	111.5961	104.897	103.6806	52.21428
42.4	-0.00012	0.00013	0.00041	0.00118	111.5549	104.8851	103.5853	52.14399
42.9	0.00126	-0.00084	0.00044	0.00017	111.6797	104.9061	103.6499	52.09671
43.4	-0.00037	0.00050	-0.00040	-0.00017	111.706	104.9595	103.6195	52.07225
43.9	-0.00056	-0.00018	0.00015	-8.60E-05	111.6324	104.7883	103.7475	52.06998
44.4	0.00059	-0.00020	-0.00034	0.00029	111.727	104.9078	103.7828	52.09174
44.9	0.00073	-0.00014	0.00049	0.00089	111.7278	104.808	103.7271	52.13853
45.4	0.00018	0.00032	0.00056	0.00159	111.6295	104.7402	103.8306	52.20788
45.9	-0.00082	0.00102	-0.00027	-0.00044	111.6935	104.9579	103.8362	52.11795
46.4	-0.00057	-0.00046	0.00032	0.00136	111.6608	104.9537	103.7483	52.23222
46.9	0.00081	0.00055	0.00020	2.25E-05	111.7888	104.9776	103.8158	52.18646
47.4	-0.00084	-0.00035	-0.00074	-0.00052	111.8163	104.7762	103.7865	52.16259
47.9	-0.00093	0.00071	-0.00041	-0.00045	111.6527	104.8232	103.7279	52.16395
48.4	-0.00027	0.00036	-0.00027	0.00101	111.6615	104.9239	103.8081	52.26322

48.9	-0.00050	0.00016	-0.00105	-0.00052	111.8346	104.8013	103.792	52.20403
49.4	0.00022	0.00044	-0.00044	-0.00119	111.6445	104.9636	103.6806	52.16749
49.9	0.00042	0.00063	-0.00053	-0.00132	111.6189	104.9029	103.7277	52.15322
50.4	-9.75E-05	-0.00078	0.00052	-0.00109	111.7546	104.8708	103.6759	52.1597
50.9	0.00043	0.00028	0.00071	-0.00064	111.7957	104.8746	103.7872	52.19086
51.4	0.00014	-0.00057	-2.63E-05	-4.48E-05	111.734	104.9071	103.7997	52.24283
51.9	-0.00067	-0.00108	0.00062	0.00066	111.5743	104.9726	103.7178	52.13733
52.4	3.93E-05	0.00055	0.00055	-0.00081	111.5781	104.8126	103.7934	52.23417
52.9	-0.00015	0.00044	-0.00035	0.00078	111.7474	104.941	103.774	52.17323
53.4	0.00062	0.00041	0.00018	-0.00010	111.5541	104.846	103.6597	52.13517
53.9	0.00085	-0.00115	5.37E-05	-0.00035	111.5395	104.942	103.6816	52.12714
54.4	-0.00033	-0.00073	-0.00035	-0.00020	111.5984	104.8991	103.6827	52.21537
54.9	-9.86E-05	0.00016	0.00044	0.00121	111.5597	104.8894	103.5895	52.14623
55.4	0.00127	-0.00083	0.00044	0.00017	111.6833	104.9093	103.653	52.09838
55.9	-0.00037	0.00050	-0.00040	-0.00017	111.7126	104.9655	103.6253	52.07537
56.4	-0.00051	-0.00014	0.00020	-3.47E-05	111.6449	104.7995	103.7585	52.07586
56.9	0.00066	-0.00013	-0.00027	0.00037	111.7434	104.9225	103.7971	52.09945
57.4	0.00074	-0.00012	0.00051	0.00091	111.7406	104.8195	103.7384	52.14457
57.9	0.00017	0.00031	0.00055	0.00158	111.6384	104.7482	103.8385	52.21209
58.4	-0.00084	0.00100	-0.00028	-0.00046	111.7007	104.9643	103.8425	52.12131
58.9	-0.00063	-0.00051	0.00026	0.00130	111.6585	104.9517	103.7464	52.23118
59.4	0.00074	0.00048	0.00013	-4.67E-05	111.7816	104.9711	103.8095	52.18306
59.9	-0.00091	-0.00041	-0.00080	-0.00059	111.8075	104.7682	103.7788	52.15844
60.4	-0.00101	0.00063	-0.00049	-0.00053	111.6378	104.8099	103.7148	52.15695
60.9	-0.00033	0.00031	-0.00032	0.00095	111.6449	104.9088	103.7934	52.25534
61.4	-0.00055	0.00011	-0.00109	-0.00057	111.8174	104.7857	103.7768	52.1959
61.9	0.00017	0.00038	-0.00050	-0.00125	111.624	104.945	103.6624	52.15781
62.4	0.00038	0.00060	-0.00056	-0.00135	111.5965	104.8826	103.7078	52.14262
62.9	-0.00013	-0.00081	0.00049	-0.00112	111.7345	104.8525	103.6581	52.15019
63.4	0.00042	0.00027	0.00069	-0.00066	111.7728	104.8539	103.7669	52.18004
63.9	0.00014	-0.00057	-2.47E-05	-4.25E-05	111.7131	104.8882	103.7812	52.23294
64.4	-0.00068	-0.00109	0.00062	0.00066	111.5544	104.9546	103.7001	52.1279
64.9	4.07E-05	0.00055	0.00055	-0.00080	111.5607	104.7969	103.778	52.22594
65.4	-0.00012	0.00047	-0.00033	0.00081	111.7352	104.93	103.7631	52.16744
65.9	0.00070	0.00048	0.00025	-2.45E-05	111.5545	104.8463	103.6598	52.1353
66.4	0.00097	-0.00103	0.00017	-0.00023	111.5501	104.9515	103.6908	52.13214
66.9	-0.00018	-0.00058	-0.00021	-4.38E-05	111.6184	104.917	103.7001	52.22475
67.4	3.07E-05	0.00028	0.00056	0.00134	111.5839	104.9112	103.6106	52.15761
67.9	0.00140	-0.00071	0.00057	0.00030	111.7153	104.9381	103.6811	52.11345
68.4	-0.00025	0.00062	-0.00029	-4.69E-05	111.7446	104.9943	103.6534	52.09043
68.9	-0.00046	-8.86E-05	0.00025	1.53E-05	111.6734	104.8251	103.7835	52.08927
69.4	0.00063	-0.00015	-0.00030	0.00034	111.7616	104.9389	103.8131	52.10802
69.9	0.00071	-0.00015	0.00048	0.00087	111.7564	104.8337	103.7523	52.15202
70.4	0.00013	0.00027	0.00051	0.00154	111.6508	104.7593	103.8494	52.21796
70.9	-0.00090	0.00094	-0.00034	-0.00051	111.7087	104.9715	103.8495	52.12509
71.4	-0.00069	-0.00057	0.00021	0.00124	111.6641	104.9566	103.7513	52.23381
71.9	0.00070	0.00044	9.49E-05	-8.93E-05	111.7873	104.9759	103.8143	52.18573
72.4	-0.00096	-0.00046	-0.00085	-0.00064	111.8078	104.7681	103.7788	52.15854
72.9	-0.00106	0.00058	-0.00053	-0.00058	111.6331	104.8053	103.7105	52.15469

73.4	-0.00040	0.00024	-0.00039	0.00089	111.6387	104.9029	103.7877	52.25239
73.9	-0.00061	5.78E-05	-0.00115	-0.00062	111.8083	104.7773	103.7686	52.1916
74.4	0.00014	0.00036	-0.00052	-0.00127	111.6134	104.9351	103.6529	52.15275
74.9	0.00034	0.00056	-0.00060	-0.00139	111.5886	104.8752	103.7006	52.13885
75.4	-0.00011	-0.00079	0.00050	-0.00111	111.7325	104.8504	103.6561	52.14919
75.9	0.00048	0.00032	0.00075	-0.00060	111.7777	104.858	103.771	52.18228
76.4	0.00020	-0.00051	3.40E-05	1.96E-05	111.7249	104.8986	103.7914	52.23848
76.9	-0.00060	-0.00101	0.00070	0.00074	111.5701	104.9686	103.7138	52.13528
77.4	0.00012	0.00063	0.00063	-0.00072	111.5788	104.813	103.7938	52.23445
77.9	-6.41E-05	0.00052	-0.00028	0.00086	111.7546	104.9473	103.7801	52.17657
78.4	0.00070	0.00048	0.00025	-2.31E-05	111.5631	104.854	103.6675	52.13938
78.9	0.00093	-0.00108	0.00013	-0.00028	111.55	104.9514	103.6908	52.13207
79.4	-0.00028	-0.00068	-0.00030	-0.00015	111.61	104.9095	103.6928	52.2208
79.9	-6.49E-05	0.00019	0.00047	0.00124	111.5748	104.9031	103.6028	52.15337
80.4	0.00134	-0.00076	0.00051	0.00024	111.7072	104.9308	103.674	52.10964
80.9	-0.00028	0.00059	-0.00031	-6.91E-05	111.7428	104.9926	103.6518	52.08955
81.4	-0.00043	-5.98E-05	0.00028	4.61E-05	111.677	104.8283	103.7866	52.09095
81.9	0.00072	-6.57E-05	-0.00021	0.00043	111.7749	104.9508	103.8248	52.11426
82.4	0.00078	-8.63E-05	0.00054	0.00094	111.7729	104.8485	103.7667	52.15976
82.9	0.00019	0.00033	0.00057	0.00160	111.6671	104.7739	103.8637	52.22561
83.4	-0.00083	0.00100	-0.00028	-0.00045	111.728	104.9889	103.8666	52.13421
83.9	-0.00064	-0.00052	0.00026	0.00130	111.6884	104.9784	103.7727	52.24527
84.4	0.00075	0.00049	0.00015	-3.29E-05	111.8117	104.998	103.836	52.19727
84.9	-0.00090	-0.00040	-0.00079	-0.00058	111.8364	104.7939	103.8041	52.17204
85.4	-0.00101	0.00062	-0.00049	-0.00054	111.6655	104.8344	103.739	52.16996
85.9	-0.00035	0.00029	-0.00034	0.00094	111.6706	104.9316	103.8159	52.26744
86.4	-0.00058	8.45E-05	-0.00112	-0.00060	111.8406	104.8062	103.7971	52.20683
86.9	0.00015	0.00037	-0.00051	-0.00127	111.6459	104.9643	103.6815	52.16807
87.4	0.00034	0.00056	-0.00061	-0.00140	111.6153	104.8991	103.7242	52.15146
87.9	-0.00016	-0.00084	0.00046	-0.00115	111.7506	104.8665	103.672	52.15774
88.4	0.00037	0.00022	0.00065	-0.00071	111.7876	104.8666	103.7796	52.18694
88.9	9.94E-05	-0.00061	-6.41E-05	-8.45E-05	111.725	104.8984	103.7914	52.2385
89.4	-0.00072	-0.00113	0.00058	0.00062	111.5642	104.9629	103.7085	52.1325
89.9	7.49E-06	0.00052	0.00052	-0.00084	111.5696	104.8044	103.7855	52.23009
90.4	-0.00016	0.00043	-0.00037	0.00076	111.7381	104.9321	103.7654	52.16876
90.9	0.00062	0.00041	0.00018	-0.00010	111.5495	104.8413	103.6552	52.13288
91.4	0.00091	-0.00110	0.00011	-0.00030	111.5479	104.9489	103.6885	52.131
91.9	-0.00023	-0.00063	-0.00026	-9.74E-05	111.6128	104.9115	103.6949	52.22204
92.4	-3.39E-07	0.00025	0.00053	0.00131	111.5804	104.9075	103.6073	52.1559
92.9	0.00138	-0.00073	0.00055	0.00028	111.7099	104.9328	103.676	52.11084
93.4	-0.00028	0.00059	-0.00031	-7.17E-05	111.7401	104.9898	103.6491	52.08823
93.9	-0.00046	-9.03E-05	0.00025	1.32E-05	111.6714	104.8229	103.7814	52.08826
94.4	0.00066	-0.00013	-0.00027	0.00036	111.7628	104.9396	103.8139	52.10852
94.9	0.00072	-0.00014	0.00049	0.00089	111.755	104.8321	103.7508	52.15129
95.4	0.00012	0.00027	0.00051	0.00153	111.648	104.7565	103.8468	52.21659
95.9	-0.00091	0.00093	-0.00035	-0.00052	111.7056	104.9685	103.8467	52.12361
96.4	-0.00070	-0.00058	0.00020	0.00124	111.6624	104.9548	103.7496	52.23294
96.9	0.00070	0.00045	0.00010	-7.94E-05	111.786	104.9747	103.8132	52.18511
97.4	-0.00094	-0.00044	-0.00083	-0.00063	111.8094	104.7695	103.7803	52.15929

97.9	-0.00104	0.00060	-0.00051	-0.00056	111.6357	104.8076	103.7127	52.15587
98.4	-0.00038	0.00026	-0.00037	0.00090	111.6406	104.9047	103.7895	52.25329
98.9	-0.00059	7.65E-05	-0.00113	-0.00061	111.8135	104.7819	103.7732	52.19402
99.4	0.00015	0.00037	-0.00051	-0.00126	111.6226	104.9434	103.661	52.15706
99.9	0.00040	0.00062	-0.00055	-0.00134	111.6015	104.8868	103.712	52.14494
100.4	-8.21E-05	-0.00076	0.00053	-0.00107	111.7452	104.8618	103.6673	52.15518
100.9	0.00048	0.00033	0.00076	-0.00059	111.7871	104.8665	103.7793	52.18673
101.4	0.00021	-0.00051	3.92E-05	2.53E-05	111.7318	104.9048	103.7975	52.24172
101.9	-0.00060	-0.00102	0.00069	0.00074	111.5797	104.9772	103.7222	52.1398
102.4	0.00013	0.00064	0.00064	-0.00071	111.5893	104.8224	103.803	52.23938
102.9	-4.61E-05	0.00054	-0.00026	0.00088	111.7657	104.9573	103.7899	52.1818
103.4	0.00073	0.00051	0.00028	6.59E-06	111.5825	104.8714	103.6845	52.14849
103.9	0.00100	-0.00101	0.00019	-0.00020	111.577	104.9756	103.7145	52.1448
104.4	-0.00019	-0.00059	-0.00021	-5.15E-05	111.6406	104.9369	103.7196	52.23519
104.9	-1.74E-05	0.00024	0.00051	0.00129	111.604	104.9292	103.6284	52.1671
105.4	0.00135	-0.00075	0.00052	0.00026	111.7285	104.9499	103.6927	52.11966
105.9	-0.00032	0.00055	-0.00035	-0.00011	111.7548	105.0034	103.6624	52.09522
106.4	-0.00052	-0.00014	0.00020	-4.02E-05	111.6853	104.8358	103.794	52.09489
106.9	0.00062	-0.00016	-0.00030	0.00033	111.7705	104.9469	103.821	52.1122
107.4	0.00061	-0.00025	0.00038	0.00077	111.7418	104.8207	103.7396	52.14515
107.9	-0.00010	5.27E-05	0.00030	0.00130	111.6174	104.7296	103.8203	52.20222
108.4	-0.00112	0.00073	-0.00055	-0.00074	111.6683	104.9356	103.8144	52.10613
108.9	-0.00081	-0.00068	9.66E-05	0.00112	111.6335	104.9296	103.7249	52.21952
109.4	0.00069	0.00044	9.22E-05	-9.23E-05	111.7719	104.963	103.8018	52.17885
109.9	-0.00082	-0.00032	-0.00071	-0.00049	111.8181	104.7789	103.7895	52.16415
110.4	-0.00078	0.00085	-0.00026	-0.00029	111.6785	104.8484	103.7528	52.17735
110.9	1.96E-05	0.00065	2.07E-05	0.00132	111.7189	104.9783	103.8618	52.29205
111.4	-0.00015	0.00051	-0.00069	-0.00014	111.9146	104.8769	103.8665	52.24394
111.9	0.00057	0.00079	-9.25E-05	-0.00082	111.7416	105.0553	103.7707	52.21572
112.4	0.00074	0.00095	-0.00022	-0.00098	111.7287	105.0058	103.8288	52.20718
112.9	0.00019	-0.00050	0.00079	-0.00080	111.8773	104.9838	103.7871	52.21889
113.4	0.00069	0.00051	0.00094	-0.00040	111.9274	104.993	103.9037	52.25283
113.9	0.00038	-0.00037	0.00017	0.00016	111.8807	105.035	103.9255	52.30987
114.4	-0.00041	-0.00089	0.00081	0.00087	111.7417	105.1137	103.8563	52.21143
114.9	0.00038	0.00079	0.00079	-0.00054	111.7755	104.9737	103.9518	52.3194
115.4	0.00027	0.00074	-6.12E-05	0.00110	111.978	105.124	103.9536	52.27052
115.9	0.00109	0.00073	0.00050	0.00026	111.812	105.0448	103.8546	52.2416
116.4	0.00133	-0.00084	0.00036	3.37E-06	111.8243	105.1556	103.8907	52.24242
116.9	0.00013	-0.00045	-7.54E-05	0.00013	111.9038	105.121	103.8997	52.33639
117.4	0.00030	0.00036	0.00063	0.00146	111.881	105.1151	103.8098	52.27069
117.9	0.00164	-0.00066	0.00061	0.00040	112.022	105.1396	103.8775	52.22688
118.4	-5.63E-05	0.00061	-0.00030	3.30E-06	112.0601	105.1926	103.8461	52.20397
118.9	-0.00027	-0.00011	0.00022	5.43E-05	111.9967	105.0194	103.972	52.2027
119.4	0.00084	-0.00015	-0.00031	0.00040	112.1006	105.1362	104.0038	52.22506
119.9	0.00090	-0.00017	0.00044	0.00092	112.1028	105.0266	103.938	52.26894
120.4	0.00030	0.00023	0.00046	0.00157	112.0035	104.9472	104.0295	52.33453
120.9	-0.00074	0.00089	-0.00040	-0.00049	112.0694	105.1561	104.0254	52.242
121.4	-0.00054	-0.00063	0.00014	0.00126	112.0342	105.1394	103.9243	52.3521
121.9	0.00084	0.00038	2.10E-05	-6.74E-05	112.1626	105.1534	103.9811	52.30336

122.4	-0.00081	-0.00051	-0.00092	-0.00061	112.1929	104.9444	103.9436	52.27788
122.9	-0.00091	0.00053	-0.00061	-0.00055	112.0273	104.9807	103.8731	52.27575
123.4	-0.00026	0.00019	-0.00046	0.00091	112.0371	105.0731	103.9442	52.37299
123.9	-0.00048	3.35E-06	-0.00122	-0.00060	112.2142	104.945	103.9216	52.31306
124.4	0.00024	0.00028	-0.00062	-0.00127	112.0259	105.1009	103.8026	52.2752
124.9	0.00045	0.00050	-0.00069	-0.00138	111.995	105.0275	103.8361	52.2563
125.4	-0.00015	-0.00099	0.00028	-0.00123	112.1184	104.9766	103.7648	52.25493
125.9	0.00031	7.39E-06	0.00041	-0.00086	112.1444	104.9597	103.8545	52.2771
126.4	1.59E-05	-0.00084	-0.00031	-0.00025	112.0839	104.9865	103.8598	52.328
126.9	-0.00070	-0.00125	0.00042	0.00056	111.9379	105.0576	103.781	52.22726
127.4	0.00013	0.00050	0.00047	-0.00078	111.9651	104.9119	103.8674	52.33361
127.9	0.00011	0.00055	-0.00030	0.00097	112.1682	105.0636	103.8668	52.28685
128.4	0.00102	0.00066	0.00037	0.00024	112.0164	104.9992	103.7785	52.26696
128.9	0.00139	-0.00076	0.00037	0.00013	112.0455	105.1277	103.829	52.27814
129.4	0.00028	-0.00027	4.16E-05	0.00036	112.1414	105.111	103.8545	52.38247
129.9	0.00052	0.00062	0.00086	0.00178	112.1422	105.1304	103.7907	52.33057
130.4	0.00192	-0.00033	0.00093	0.00078	112.3045	105.1788	103.8862	52.29943
130.9	0.00027	0.00100	0.00013	0.00043	112.3617	105.255	103.8849	52.2883
131.4	4.71E-05	0.00029	0.00070	0.00048	112.3153	105.104	104.0427	52.29784
131.9	0.00111	0.00022	0.00020	0.00078	112.4272	105.2361	104.1016	52.32669
132.4	0.00113	0.00018	0.00097	0.00126	112.4355	105.1413	104.0638	52.3763
132.9	0.00048	0.00055	0.00099	0.00185	112.3436	105.0789	104.1866	52.44823
133.4	-0.00059	0.00120	0.00014	-0.00024	112.4114	105.3009	104.2102	52.35918
133.9	-0.00042	-0.00033	0.00069	0.00148	112.3772	105.2971	104.1369	52.47262
134.4	0.00091	0.00065	0.00056	0.00010	112.5064	105.3244	104.2217	52.42679
134.9	-0.00078	-0.00026	-0.00040	-0.00048	112.5349	105.1268	104.2102	52.40308
135.4	-0.00090	0.00077	-8.47E-05	-0.00043	112.3656	105.1734	104.164	52.40193
135.9	-0.00026	0.00043	5.51E-05	0.00102	112.3768	105.2809	104.2633	52.50252
136.4	-0.00049	0.00024	-0.00072	-0.00051	112.5504	105.1631	104.264	52.44333
136.9	0.00023	0.00053	-0.00011	-0.00118	112.3591	105.3305	104.1681	52.40662
137.4	0.00042	0.00072	-0.00021	-0.00131	112.3328	105.2747	104.2307	52.3923
137.9	-0.00011	-0.00069	0.00082	-0.00109	112.4704	105.2497	104.1956	52.39989
138.4	0.00043	0.00039	0.00101	-0.00063	112.5083	105.2565	104.3192	52.42995
138.9	0.00014	-0.00047	0.00027	-3.18E-05	112.4485	105.297	104.348	52.48352
139.4	-0.00068	-0.00098	0.00090	0.00067	112.2891	105.3693	104.2803	52.37868
139.9	6.28E-05	0.00068	0.00085	-0.00076	112.3005	105.2216	104.3759	52.47982
140.4	-6.07E-05	0.00063	-8.90E-06	0.00088	112.4802	105.365	104.3777	52.42393
140.9	0.00069	0.00058	0.00050	-1.45E-05	112.2839	105.2736	104.2731	52.38526
141.4	0.00087	-0.00102	0.00032	-0.00031	112.2635	105.3705	104.3016	52.37516
141.9	-0.00033	-0.00062	-0.00012	-0.00018	112.3248	105.335	104.3156	52.46522
142.4	-7.55E-05	0.00029	0.00068	0.00125	112.2968	105.3404	104.2422	52.40167
142.9	0.00141	-0.00059	0.00079	0.00034	112.4429	105.3848	104.3352	52.36469
143.4	-0.00013	0.00083	3.75E-05	0.00011	112.4984	105.4686	104.3399	52.35456
143.9	-0.00020	0.00025	0.00069	0.00031	112.4585	105.3308	104.5074	52.36901
144.4	0.00106	0.00034	0.00030	0.00080	112.5867	105.4836	104.581	52.40733
144.9	0.00117	0.00037	0.00110	0.00137	112.6059	105.4033	104.5499	52.46384
145.4	0.00054	0.00073	0.00107	0.00198	112.5148	105.3458	104.6687	52.53786
145.9	-0.00054	0.00135	0.00017	-0.00012	112.5838	105.5728	104.6859	52.45056
146.4	-0.00040	-0.00021	0.00064	0.00156	112.5495	105.5728	104.6031	52.56499

146.9	0.00091	0.00074	0.00044	0.00015	112.6761	105.6015	104.6748	52.51826
147.4	-0.00078	-0.00018	-0.00055	-0.00045	112.7012	105.4047	104.6477	52.49274
147.9	-0.00092	0.00083	-0.00030	-0.00044	112.5323	105.4563	104.5881	52.49111
148.4	-0.00029	0.00048	-0.00020	0.00098	112.5379	105.5634	104.6681	52.58785
148.9	-0.00053	0.00029	-0.00100	-0.00057	112.7093	105.448	104.6512	52.52567
149.4	0.00019	0.00057	-0.00042	-0.00126	112.5192	105.6214	104.5404	52.48727
149.9	0.00042	0.00082	-0.00049	-0.00137	112.5007	105.5773	104.5937	52.47392
150.4	-7.90E-06	-0.00051	0.00062	-0.00107	112.6547	105.5712	104.5563	52.48601
150.9	0.00061	0.00063	0.00087	-0.00055	112.7126	105.6002	104.6811	52.52209
151.4	0.00037	-0.00016	0.00019	9.48E-05	112.6695	105.6599	104.7084	52.57994
151.9	-0.00041	-0.00065	0.00084	0.00081	112.5261	105.7508	104.6387	52.47876
152.4	0.00031	0.00099	0.00077	-0.00065	112.5434	105.6121	104.7241	52.57887
152.9	4.83E-05	0.00081	-0.00021	0.00085	112.7099	105.7475	104.699	52.51264
153.4	0.00071	0.00067	0.00022	-0.00014	112.5107	105.6567	104.577	52.46856
153.9	0.00089	-0.00092	5.23E-05	-0.00043	112.5009	105.7663	104.6004	52.45929
154.4	-0.00023	-0.00046	-0.00031	-0.00023	112.5725	105.7428	104.6095	52.54997
154.9	6.46E-05	0.00048	0.00054	0.00123	112.5557	105.7608	104.5323	52.48712
155.4	0.00156	-0.00039	0.00066	0.00032	112.7144	105.8192	104.6233	52.45112
155.9	3.93E-05	0.00104	-6.89E-05	9.58E-05	112.7783	105.9136	104.6223	52.43972
156.4	-6.13E-06	0.00049	0.00061	0.00031	112.7468	105.7863	104.7848	52.45287
156.9	0.00116	0.00049	0.00014	0.00071	112.8714	105.9392	104.8427	52.48437
157.4	0.00121	0.00046	0.00089	0.00123	112.8864	105.8579	104.796	52.53441
157.9	0.00058	0.00083	0.00088	0.00184	112.7974	105.8045	104.9056	52.606
158.4	-0.00050	0.00143	-2.88E-05	-0.00024	112.8718	106.0379	104.9172	52.51886
158.9	-0.00034	-0.00012	0.00048	0.00150	112.8437	106.0434	104.8308	52.63553
159.4	0.00102	0.00086	0.00035	0.00019	112.9809	106.08	104.9043	52.59443
159.9	-0.00064	-5.50E-05	-0.00059	-0.00034	113.0222	105.8945	104.8856	52.57876
160.4	-0.00073	0.00098	-0.00026	-0.00023	112.8671	105.9548	104.8344	52.58743
160.9	-5.74E-05	0.00066	-8.68E-05	0.00129	112.8905	106.073	104.9278	52.69751
161.4	-0.00028	0.00046	-0.00084	-0.00020	113.0795	105.967	104.9254	52.64938
161.9	0.00045	0.00073	-0.00023	-0.00084	112.8993	106.1436	104.8242	52.6226
162.4	0.00064	0.00092	-0.00030	-0.00094	112.8859	106.0969	104.8841	52.61916
162.9	0.00012	-0.00050	0.00074	-0.00070	113.0374	106.0809	104.8473	52.63805
163.4	0.00066	0.00056	0.00095	-0.00023	113.0881	106.0958	104.9698	52.6792
163.9	0.00037	-0.00030	0.00022	0.00038	113.0381	106.1417	104.9956	52.74261
164.4	-0.00048	-0.00084	0.00084	0.00105	112.8869	106.2181	104.9243	52.64653
164.9	0.00022	0.00077	0.00077	-0.00041	112.8933	106.0614	105.0057	52.75053
165.4	-9.63E-05	0.00053	-0.00026	0.00103	113.0387	106.1699	104.9675	52.68293
165.9	0.00043	0.00026	5.57E-05	-8.83E-05	112.811	106.0459	104.8266	52.63425
166.4	0.00055	-0.00139	-0.00017	-0.00045	112.7811	106.13	104.8386	52.62396
166.9	-0.00051	-0.00086	-0.00046	-0.00018	112.8507	106.0972	104.8521	52.72184
167.4	-9.35E-05	0.00019	0.00050	0.00138	112.8444	106.1181	104.7908	52.67158
167.9	0.00156	-0.00051	0.00079	0.00064	113.0243	106.1898	104.9078	52.65308
168.4	0.00024	0.00111	0.00025	0.00060	113.1251	106.3122	104.9471	52.66677
168.9	0.00038	0.00074	0.00111	0.00100	113.1376	106.2195	105.1566	52.70874
169.4	0.00168	0.00088	0.00078	0.00154	113.3018	106.4033	105.257	52.76715
169.9	0.00180	0.00092	0.00159	0.00213	113.3549	106.3503	105.2501	52.84375
170.4	0.00115	0.00127	0.00154	0.00273	113.2981	106.3186	105.3929	52.93914
170.9	6.52E-05	0.00184	0.00061	0.00065	113.3997	106.5679	105.4305	52.87249

171.4	0.00021	0.00026	0.00107	0.00235	113.3989	106.5867	105.3671	53.00973
171.9	0.00152	0.00116	0.00086	0.00098	113.565	106.6357	105.4622	52.98838
172.4	-0.00013	0.00022	-0.00013	0.00044	113.6321	106.4574	105.4596	52.99031
172.9	-0.00022	0.00122	0.00015	0.00052	113.5053	106.5265	105.4243	53.01708
173.4	0.00044	0.00085	0.00027	0.00199	113.5592	106.6538	105.5332	53.14563
173.9	0.00025	0.00065	-0.00050	0.00051	113.7791	106.5549	105.5441	53.1144
174.4	0.00099	0.00091	8.63E-05	-0.00014	113.6311	106.7406	105.4562	53.10492
174.9	0.00116	0.00106	-4.81E-05	-0.00030	113.6456	106.6975	105.5244	53.11603
175.4	0.00063	-0.00038	0.00096	-8.90E-05	113.8225	106.6821	105.4919	53.14753
175.9	0.00115	0.00064	0.00112	0.00033	113.8982	106.6972	105.6184	53.20088
176.4	0.00081	-0.00027	0.00033	0.00087	113.8707	106.7413	105.6454	53.27518
176.9	-4.47E-05	-0.00083	0.00092	0.00151	113.7397	106.8144	105.573	53.18795
177.4	0.00063	0.00075	0.00081	9.86E-06	113.7747	106.6608	105.6603	53.30521
177.9	0.00042	0.00061	-0.00012	0.00153	113.9746	106.7961	105.6498	53.2617
178.4	0.00114	0.00054	0.00038	0.00061	113.804	106.7024	105.5401	53.23899
178.9	0.00133	-0.00104	0.00022	0.00032	113.8109	106.7989	105.5653	53.24499
179.4	0.00012	-0.00066	-0.00023	0.00041	113.8893	106.753	105.5674	53.34666
179.9	0.00028	0.00016	0.00050	0.00173	113.8662	106.7385	105.4722	53.28777
180.4	0.00162	-0.00084	0.00049	0.00068	114.0106	106.7572	105.5385	53.25177
180.9	-2.56E-05	0.00047	-0.00036	0.00031	114.0552	106.8089	105.509	53.23849
181.4	-0.00022	-0.00021	0.00019	0.00038	113.9891	106.6258	105.6314	53.2429
181.9	0.00076	-0.00037	-0.00044	0.00058	114.0625	106.7093	105.6341	53.25708
182.4	0.00060	-0.00058	0.00011	0.00087	114.0286	106.5612	105.5346	53.29057
182.9	-7.43E-05	-0.00025	6.11E-05	0.00142	113.914	106.4631	105.6135	53.35611
183.4	-0.00094	0.00057	-0.00063	-0.00046	113.9961	106.6825	105.6235	53.27652
183.9	-0.00049	-0.00068	0.00017	0.00154	114.0022	106.6979	105.5601	53.41432
184.4	0.00121	0.00064	0.00038	0.00056	114.1961	106.7645	105.6767	53.40263
184.9	-8.61E-05	7.77E-05	-0.00020	0.00037	114.3122	106.6251	105.7168	53.42426
185.4	0.00016	0.00144	0.00045	0.00079	114.2457	106.7458	105.7358	53.47573
185.9	0.00102	0.00131	0.00078	0.00243	114.343	106.9112	105.8837	53.61995
186.4	0.00086	0.00117	5.99E-05	0.00096	114.6002	106.8457	105.9256	53.5986
186.9	0.00156	0.00144	0.00061	0.00022	114.4812	107.0607	105.8597	53.59377
187.4	0.00173	0.00161	0.00044	3.15E-06	114.5231	107.0461	105.9452	53.60637
187.9	0.00118	0.00018	0.00138	0.00012	114.7345	107.0665	105.9325	53.64077
188.4	0.00171	0.00125	0.00152	0.00049	114.8529	107.1268	106.0843	53.69971
188.9	0.00148	0.00047	0.00079	0.00107	114.8726	107.2223	106.1389	53.78098
189.4	0.00069	1.14E-06	0.00140	0.00172	114.7914	107.3509	106.0951	53.70066
189.9	0.00140	0.00164	0.00130	0.00023	114.8714	107.2488	106.2059	53.82281
190.4	0.00119	0.00153	0.00035	0.00172	115.1133	107.4339	106.2148	53.78139
190.9	0.00189	0.00147	0.00080	0.00077	114.9845	107.3918	106.1253	53.76168
191.4	0.00205	-0.00012	0.00060	0.00043	115.0293	107.537	106.1671	53.76871
191.9	0.00081	0.00025	0.00013	0.00049	115.1413	107.5358	106.1818	53.86996
192.4	0.00093	0.00103	0.00080	0.00176	115.1499	107.5653	106.0981	53.80959
192.9	0.00221	5.89E-06	0.00075	0.00067	115.3209	107.6231	106.1717	53.76981
193.4	0.00050	0.00125	-0.00016	0.00024	115.3865	107.7096	106.1455	53.75098
193.9	0.00027	0.00054	0.00036	0.00028	115.3522	107.5705	106.282	53.75577
194.4	0.00133	0.00047	-0.00018	0.00059	115.4824	107.7205	106.32	53.78227
194.9	0.00137	0.00045	0.00057	0.00109	115.5083	107.6408	106.2593	53.83034
195.4	0.00074	0.00083	0.00058	0.00170	115.4306	107.5912	106.3583	53.90039

195.9	-0.00031	0.00146	-0.00029	-0.00034	115.5193	107.8325	106.3605	53.80959
196.4	-0.00012	-3.88E-05	0.00026	0.00139	115.5045	107.8445	106.2647	53.92427
196.9	0.00123	0.00094	0.00015	6.81E-05	115.6579	107.8894	106.3312	53.87891
197.4	-0.00042	4.52E-05	-0.00077	-0.00048	115.7102	107.707	106.3018	53.8567
197.9	-0.00051	0.00108	-0.00045	-0.00040	115.5647	107.7738	106.2409	53.85893
198.4	0.00016	0.00077	-0.00025	0.00108	115.6039	107.9032	106.3293	53.96532
198.9	-3.26E-05	0.00060	-0.00098	-0.00038	115.8123	107.8081	106.323	53.912
199.4	0.00071	0.00090	-0.00034	-0.00100	115.6482	107.9995	106.2186	53.8807
199.9	0.00091	0.00112	-0.00039	-0.00110	115.6506	107.9639	106.2747	53.87189
200.4	0.00039	-0.00029	0.00065	-0.00088	115.8202	107.9602	106.2343	53.88597
200.9	0.00093	0.00077	0.00086	-0.00041	115.8851	107.9854	106.3523	53.92142
201.4	0.00062	-9.40E-05	0.00013	0.00016	115.8479	108.0421	106.3734	53.97957
201.9	-0.00023	-0.00064	0.00074	0.00082	115.7074	108.1291	106.2964	53.87626
202.4	0.00047	0.00096	0.00068	-0.00061	115.7329	107.9869	106.3794	53.97874
202.9	0.00026	0.00083	-0.00023	0.00093	115.9273	108.1376	106.3669	53.92119
203.4	0.00099	0.00078	0.00030	5.24E-05	115.7505	108.0598	106.2572	53.88622
203.9	0.00120	-0.00077	0.00017	-0.00020	115.7537	108.1742	106.2844	53.88116
204.4	3.00E-05	-0.00036	-0.00023	-5.09E-05	115.8305	108.1463	106.2899	53.97355
204.9	0.00020	0.00046	0.00051	0.00129	115.8064	108.151	106.1992	53.90552
205.4	0.00155	-0.00051	0.00053	0.00028	115.9487	108.1865	106.2684	53.85977
205.9	-7.68E-05	0.00078	-0.00031	-6.06E-05	115.9903	108.2546	106.2416	53.83727
206.4	-0.00028	9.31E-05	0.00023	1.27E-05	115.9294	108.0939	106.3752	53.83724
206.9	0.00083	6.27E-05	-0.00026	0.00037	116.0347	108.2238	106.4106	53.85934
207.4	0.00090	6.17E-05	0.00051	0.00091	116.0393	108.1264	106.35	53.90469
207.9	0.00031	0.00045	0.00053	0.00154	115.942	108.0608	106.4501	53.97276
208.4	-0.00069	0.00112	-0.00030	-0.00046	116.0127	108.2873	106.4537	53.8802
208.9	-0.00044	-0.00032	0.00029	0.00132	115.99	108.293	106.3673	53.99786
209.4	0.00096	0.00071	0.00022	5.07E-05	116.1354	108.331	106.4423	53.95494
209.9	-0.00062	-0.00014	-0.00066	-0.00044	116.1788	108.1406	106.42	53.93464
210.4	-0.00070	0.00090	-0.00033	-0.00036	116.0235	108.1992	106.3649	53.93833
210.9	-5.22E-05	0.00057	-0.00017	0.00109	116.0469	108.3148	106.4534	54.04309
211.4	-0.00026	0.00039	-0.00092	-0.00039	116.2354	108.2015	106.4425	53.98576
211.9	0.00043	0.00065	-0.00033	-0.00106	116.0536	108.3776	106.3353	53.95154
212.4	0.00062	0.00083	-0.00042	-0.00119	116.0386	108.3263	106.3881	53.93966
212.9	0.00011	-0.00056	0.00061	-0.00097	116.1832	108.2997	106.3369	53.94677
213.4	0.00051	0.00037	0.00069	-0.00064	116.2023	108.2841	106.4262	53.96557
213.9	2.04E-05	-0.00066	-0.00021	-0.00025	116.1167	108.2977	106.4158	54.00567
214.4	-0.00086	-0.00124	0.00036	0.00037	115.9454	108.3577	106.3224	53.89254
214.9	-3.26E-05	0.00049	0.00041	-0.00094	115.9672	108.2129	106.4125	53.99816
215.4	-2.70E-05	0.00057	-0.00029	0.00082	116.1753	108.3779	106.4226	53.95221
215.9	0.00094	0.00076	0.00046	0.00019	116.0265	108.328	106.3486	53.93609
216.4	0.00142	-0.00052	0.00059	0.00022	116.0781	108.4881	106.4282	53.95906
216.9	0.00049	0.00012	0.00041	0.00061	116.2094	108.5099	106.4899	54.08163
217.4	0.00081	0.00105	0.00126	0.00207	116.2255	108.5492	106.4405	54.03567
217.9	0.00217	7.32E-05	0.00126	0.00105	116.4048	108.6129	106.5447	54.00842
218.4	0.00050	0.00129	0.00034	0.00062	116.4742	108.6974	106.5409	53.99799
218.9	0.00028	0.00053	0.00080	0.00061	116.4401	108.5484	106.6929	54.00752
219.4	0.00136	0.00041	0.00022	0.00087	116.5755	108.6902	106.7456	54.0387
219.9	0.00144	0.00037	0.00093	0.00134	116.6187	108.6098	106.7064	54.09562

220.4	0.00093	0.00079	0.00097	0.00200	116.5645	108.5639	106.8298	54.17633
220.9	-2.02E-05	0.00147	0.00014	3.72E-07	116.6802	108.8116	106.856	54.09596
221.4	0.00021	-9.39E-06	0.00067	0.00172	116.6927	108.8294	106.7828	54.22131
221.9	0.00160	0.00099	0.00056	0.00042	116.8699	108.8763	106.867	54.18361
222.4	-2.88E-05	9.50E-05	-0.00040	-0.00015	116.9441	108.6942	106.8527	54.16819
222.9	-0.00014	0.00110	-0.00012	-0.00012	116.816	108.7599	106.8029	54.1755
223.4	0.00047	0.00075	-4.50E-06	0.00129	116.8647	108.8814	106.8946	54.28307
223.9	0.00023	0.00054	-0.00079	-0.00023	117.082	108.777	106.8897	54.22988
224.4	0.00090	0.00079	-0.00022	-0.00091	116.9247	108.9611	106.7859	54.19874
224.9	0.00106	0.00097	-0.00034	-0.00106	116.9202	108.9055	106.8307	54.18362
225.4	0.00038	-0.00056	0.00054	-0.00099	117.0622	108.8635	106.76	54.18151
225.9	0.00071	0.00031	0.00056	-0.00073	117.1035	108.8557	106.8518	54.20322
226.4	0.00040	-0.00054	-0.00018	-0.00016	117.0631	108.8987	106.8634	54.25753
226.9	-0.00030	-0.00093	0.00055	0.00065	116.9392	108.9908	106.7926	54.15952
227.4	0.00055	0.00083	0.00062	-0.00063	116.9989	108.8682	106.895	54.27555
227.9	0.00060	0.00095	-6.51E-05	0.00117	117.2439	109.054	106.9144	54.23826
228.4	0.00156	0.00114	0.00066	0.00053	117.1327	109.026	106.8515	54.23152
228.9	0.00200	-0.00018	0.00076	0.00051	117.2092	109.1973	106.9335	54.25785
229.4	0.00094	0.00034	0.00047	0.00077	117.3408	109.2095	106.981	54.37337
229.9	0.00109	0.00114	0.00123	0.00208	117.3611	109.2462	106.9284	54.32376
230.4	0.00234	0.00010	0.00123	0.00100	117.5382	109.3049	107.0322	54.29214
230.9	0.00062	0.00130	0.00037	0.00057	117.6058	109.3899	107.0377	54.28088
231.4	0.00034	0.00054	0.00090	0.00058	117.5715	109.2463	107.2091	54.29351
231.9	0.00138	0.00047	0.00043	0.00091	117.7074	109.3979	107.2879	54.3306
232.4	0.00145	0.00047	0.00126	0.00146	117.7429	109.3225	107.2734	54.39232
232.9	0.00085	0.00087	0.00133	0.00211	117.6747	109.2786	107.4211	54.47713
233.4	-0.00018	0.00151	0.00051	0.00011	117.77	109.5241	107.4679	54.39858
233.9	-1.33E-06	1.60E-05	0.00107	0.00184	117.76	109.5382	107.4154	54.52661
234.4	0.00130	0.00097	0.00094	0.00051	117.9166	109.5829	107.5226	54.49247
234.9	-0.00036	4.94E-05	-1.01E-05	-5.25E-05	117.9662	109.3945	107.5281	54.4794
235.4	-0.00050	0.00104	0.00027	-1.31E-05	117.8121	109.4539	107.4972	54.48911
235.9	0.00011	0.00068	0.00039	0.00141	117.8421	109.5747	107.6133	54.60244
236.4	-0.00015	0.00046	-0.00041	-0.00011	118.0357	109.4632	107.6265	54.55172
236.9	0.00053	0.00071	0.00016	-0.00078	117.8545	109.6417	107.5406	54.52351
237.4	0.00069	0.00089	4.27E-05	-0.00092	117.843	109.5931	107.616	54.51853
237.9	0.00017	-0.00051	0.00104	-0.00071	117.9977	109.5745	107.5906	54.53509
238.4	0.00069	0.00054	0.00122	-0.00026	118.0539	109.5917	107.7295	54.57633
238.9	0.00042	-0.00028	0.00051	0.00034	118.0123	109.6453	107.7738	54.64251
239.4	-0.00036	-0.00076	0.00114	0.00105	117.8682	109.7313	107.7198	54.54684
239.9	0.00036	0.00086	0.00109	-0.00036	117.8926	109.5873	107.8262	54.65833
240.4	0.00019	0.00077	0.00019	0.00120	118.0872	109.7382	107.835	54.60836
240.9	0.00092	0.00072	0.00069	0.00032	117.9053	109.6576	107.7435	54.58006
241.4	0.00113	-0.00081	0.00055	6.21E-05	117.9035	109.7691	107.7872	54.58078
241.9	-5.78E-05	-0.00043	0.00010	0.00017	117.9656	109.7282	107.799	54.67439
242.4	-5.88E-05	0.00022	0.00065	0.00132	117.892	109.6903	107.6842	54.59063
242.9	0.00103	-0.00098	0.00042	6.19E-05	117.9801	109.6777	107.7243	54.52621
243.4	-0.00069	0.00020	-0.00053	-0.00040	117.9899	109.7165	107.6868	54.49569
243.9	-0.00075	-0.00038	0.00012	-0.00019	117.9288	109.5499	107.8373	54.50247
244.4	0.00061	-0.00019	-0.00014	0.00042	118.0624	109.6964	107.9115	54.54387

244.9	0.00102	7.75E-05	0.00092	0.00127	118.1228	109.6381	107.9123	54.62163
245.4	0.00080	0.00080	0.00127	0.00226	118.1024	109.6334	108.0931	54.73243
245.9	0.00019	0.00184	0.00079	0.00065	118.2656	109.9408	108.1878	54.68781
246.4	0.00059	0.00060	0.00150	0.00256	118.3102	110.0128	108.1705	54.84358
246.9	0.00197	0.00172	0.00142	0.00130	118.5098	110.1147	108.3025	54.83036
247.4	0.00032	0.00093	0.00045	0.00072	118.5957	109.987	108.3268	54.83453
247.9	0.00013	0.00200	0.00066	0.00067	118.4722	110.1111	108.31	54.85822
248.4	0.00066	0.00171	0.00070	0.00198	118.5248	110.2953	108.4339	54.98111
248.9	0.00038	0.00158	-0.00012	0.00041	118.7519	110.2593	108.4636	54.94318
249.4	0.00110	0.00196	0.00048	-0.00025	118.6143	110.5267	108.4041	54.93222
249.9	0.00134	0.00228	0.00044	-0.00034	118.6499	110.5697	108.51	54.94515
250.4	0.00088	0.00099	0.00150	-0.00010	118.8491	110.6395	108.5124	54.97751
250.9	0.00138	0.00204	0.00168	0.00030	118.9428	110.7383	108.675	55.03094
251.4	0.00105	0.00117	0.00092	0.00082	118.9272	110.8623	108.7338	55.10371
251.9	0.00019	0.00061	0.00149	0.00142	118.8041	111.0128	108.6905	55.01136
252.4	0.00083	0.00213	0.00137	-8.50E-05	118.849	110.9286	108.8079	55.12616
252.9	0.00059	0.00194	0.00043	0.00138	119.0579	111.1329	108.8222	55.07537
253.4	0.00127	0.00182	0.00089	0.00044	118.8885	111.1014	108.7357	55.04588
253.9	0.00142	0.00020	0.00070	0.00011	118.9006	111.2617	108.7862	55.04573
254.4	0.00020	0.00051	0.00024	0.00018	118.9808	111.2698	108.8085	55.14059
254.9	0.00033	0.00124	0.00091	0.00144	118.9548	111.3052	108.7295	55.07118
255.4	0.00160	0.00018	0.00086	0.00037	119.0993	111.3718	108.8136	55.02492
255.9	-4.70E-05	0.00139	-1.39E-05	-1.98E-05	119.1376	111.4658	108.7963	54.99991
256.4	-0.00026	0.00065	0.00049	2.06E-05	119.0713	111.3254	108.9401	54.99709
256.9	0.00079	0.00056	-3.89E-05	0.00033	119.1761	111.4806	108.9864	55.01772
257.4	0.00085	0.00051	0.00070	0.00084	119.1768	111.4018	108.9333	55.06073
257.9	0.00027	0.00087	0.00071	0.00146	119.0735	111.3531	109.0417	55.12622
258.4	-0.00073	0.00149	-0.00013	-0.00054	119.1407	111.5999	109.0521	55.02938
258.9	-0.00055	-1.39E-05	0.00039	0.00116	119.1021	111.6115	108.9617	55.13978
259.4	0.00079	0.00094	0.00028	-0.00014	119.2344	111.6553	109.0345	55.08806
259.9	-0.00080	5.13E-05	-0.00063	-0.00067	119.2673	111.4696	109.0119	55.06102
260.4	-0.00087	0.00106	-0.00030	-0.00058	119.1053	111.5416	108.9613	55.06115
260.9	-0.00015	0.00080	-8.71E-05	0.00094	119.1309	111.6764	109.061	55.16638
261.4	-0.00030	0.00065	-0.00078	-0.00048	119.3344	111.5874	109.0691	55.11275
261.9	0.00048	0.00098	-0.00011	-0.00105	119.1625	111.7915	108.9791	55.08237
262.4	0.00073	0.00121	-0.00015	-0.00111	119.1599	111.7643	109.0512	55.07475
262.9	0.00025	-0.00015	0.00089	-0.00086	119.3245	111.7663	109.0223	55.08886
263.4	0.00077	0.00087	0.00108	-0.00042	119.3843	111.7986	109.1545	55.12519
263.9	0.00049	2.36E-05	0.00036	0.00017	119.3403	111.8621	109.1875	55.18417
264.4	-0.00034	-0.00052	0.00096	0.00082	119.1921	111.9563	109.1208	55.08004
264.9	0.00033	0.00103	0.00087	-0.00062	119.2121	111.8166	109.2153	55.18368
265.4	0.00015	0.00092	-1.42E-05	0.00092	119.4015	111.9726	109.2106	55.12447
265.9	0.00088	0.00086	0.00049	5.38E-05	119.2167	111.8978	109.1088	55.08913
266.4	0.00107	-0.00069	0.00034	-0.00022	119.2125	112.0163	109.1432	55.0829
266.9	-0.00010	-0.00031	-8.71E-05	-8.89E-05	119.2798	111.9867	109.1523	55.17359
267.4	5.95E-05	0.00047	0.00062	0.00122	119.2451	111.9901	109.0636	55.10218
267.9	0.00138	-0.00050	0.00062	0.00021	119.38	112.0253	109.1372	55.05357
268.4	-0.00022	0.00077	-0.00022	-0.00013	119.4129	112.0935	109.113	55.0284
268.9	-0.00041	9.99E-05	0.00032	-4.81E-05	119.3463	111.9325	109.2546	55.02794

269.4	0.00070	8.14E-05	-0.00017	0.00032	119.4505	112.0689	109.2982	55.0508
269.9	0.00082	0.00012	0.00063	0.00089	119.4585	111.979	109.2491	55.0998
270.4	0.00031	0.00057	0.00071	0.00159	119.3722	111.9292	109.3702	55.17586
270.9	-0.00060	0.00129	-4.30E-05	-0.00032	119.4572	112.1774	109.3939	55.08986
271.4	-0.00032	-9.81E-05	0.00057	0.00147	119.441	112.195	109.3205	55.21339
271.9	0.00105	0.00091	0.00049	0.00022	119.5939	112.2438	109.409	55.17373
272.4	-0.00053	4.24E-05	-0.00042	-0.00031	119.6396	112.0565	109.3953	55.15519
272.9	-0.00062	0.00105	-0.00011	-0.00024	119.4814	112.1205	109.3462	55.1598
273.4	-7.04E-06	0.00070	9.85E-06	0.00117	119.5055	112.2431	109.4429	55.26701
273.9	-0.00026	0.00047	-0.00078	-0.00035	119.6948	112.1304	109.4367	55.20917
274.4	0.00043	0.00072	-0.00020	-0.00101	119.5063	112.3102	109.3307	55.17373
274.9	0.00059	0.00088	-0.00031	-0.00116	119.4895	112.2605	109.3887	55.16191
275.4	7.31E-05	-0.00051	0.00069	-0.00095	119.6401	112.2407	109.3457	55.17183
275.9	0.00058	0.00051	0.00087	-0.00052	119.6869	112.2525	109.4648	55.20436
276.4	0.00028	-0.00034	0.00013	4.59E-05	119.6299	112.2961	109.4848	55.2596
276.9	-0.00055	-0.00088	0.00072	0.00069	119.4675	112.3702	109.4042	55.15111
277.4	0.00014	0.00070	0.00066	-0.00073	119.4763	112.2125	109.4872	55.25169
277.9	-5.29E-05	0.00058	-0.00024	0.00080	119.6562	112.3528	109.4723	55.18996
278.4	0.00067	0.00052	0.00026	-7.82E-05	119.4581	112.2594	109.3576	55.15052
278.9	0.00089	-0.00099	0.00013	-0.00032	119.4432	112.362	109.3813	55.14129
279.4	-0.00029	-0.00062	-0.00029	-0.00021	119.5017	112.3183	109.3811	55.22977
279.9	-0.00012	0.00019	0.00042	0.00111	119.4574	112.3073	109.2826	55.15566
280.4	0.00122	-0.00076	0.00044	0.00012	119.5849	112.3301	109.3483	55.10528
280.9	-0.00037	0.00052	-0.00039	-0.00021	119.613	112.3888	109.3187	55.07961
281.4	-0.00054	-0.00012	0.00017	-0.00011	119.539	112.216	109.4528	55.07733
281.9	0.00059	-0.00012	-0.00029	0.00027	119.6355	112.3408	109.4885	55.09817
282.4	0.00067	-0.00012	0.00046	0.00080	119.6302	112.2343	109.4268	55.14259
282.9	0.00013	0.00031	0.00052	0.00147	119.5309	112.1685	109.5358	55.21418
283.4	-0.00074	0.00107	-0.00020	-0.00041	119.6133	112.4104	109.556	55.12832
283.9	-0.00043	-0.00028	0.00044	0.00142	119.5976	112.4245	109.4819	55.25343
284.4	0.00098	0.00076	0.00040	0.00020	119.7489	112.4681	109.5681	55.21431
284.9	-0.00056	-5.39E-05	-0.00047	-0.00028	119.7972	112.2793	109.5556	55.19817
285.4	-0.00065	0.00095	-0.00016	-0.00022	119.6404	112.3413	109.5068	55.20471
285.9	-2.98E-05	0.00061	-2.90E-05	0.00119	119.6616	112.4581	109.6002	55.31174
286.4	-0.00026	0.00041	-0.00079	-0.00030	119.8526	112.3436	109.5945	55.25574
286.9	0.00042	0.00065	-0.00023	-0.00098	119.6651	112.5217	109.4886	55.22188
287.4	0.00058	0.00082	-0.00034	-0.00112	119.6449	112.4661	109.543	55.20955
287.9	3.58E-05	-0.00060	0.00064	-0.00095	119.7755	112.4254	109.4819	55.21119
288.4	0.00033	0.00021	0.00061	-0.00074	119.7732	112.3907	109.5584	55.22215
288.9	-0.00021	-0.00085	-0.00034	-0.00040	119.6679	112.3885	109.5354	55.25607
289.4	-0.00105	-0.00141	0.00022	0.00023	119.4896	112.4457	109.437	55.14115
289.9	-0.00019	0.00034	0.00029	-0.00102	119.5119	112.2973	109.5234	55.24875
290.4	-0.00012	0.00046	-0.00041	0.00076	119.7262	112.4653	109.5268	55.20351
290.9	0.00094	0.00072	0.00036	0.00022	119.5909	112.4242	109.4539	55.19343
291.4	0.00150	-0.00047	0.00054	0.00031	119.6649	112.6022	109.5445	55.22539
291.9	0.00073	0.00029	0.00051	0.00083	119.8264	112.6463	109.6288	55.36147
292.4	0.00111	0.00129	0.00148	0.00234	119.868	112.7085	109.6089	55.32699
292.9	0.00245	0.00035	0.00160	0.00135	120.0662	112.792	109.7511	55.30918
293.4	0.00079	0.00158	0.00085	0.00096	120.1484	112.8986	109.7948	55.30882

293.9	0.00051	0.00084	0.00146	0.00095	120.1176	112.766	110.0031	55.3275
294.4	0.00148	0.00073	0.00101	0.00119	120.2519	112.9292	110.1156	55.3672
294.9	0.00145	0.00067	0.00181	0.00162	120.2784	112.8579	110.1312	55.42844
295.4	0.00082	0.00104	0.00190	0.00221	120.2062	112.8258	110.3183	55.5154
295.9	-0.00017	0.00172	0.00117	0.00024	120.3103	113.099	110.4137	55.44222
296.4	4.38E-05	0.00032	0.00179	0.00197	120.3073	113.1376	110.4083	55.57706
296.9	0.00137	0.00132	0.00172	0.00069	120.4746	113.2097	110.5663	55.54876
297.4	-0.00024	0.00046	0.00083	0.00015	120.5365	113.048	110.6232	55.54289
297.9	-0.00035	0.00147	0.00113	0.00021	120.3919	113.1381	110.642	55.55961
298.4	0.00026	0.00114	0.00125	0.00162	120.4209	113.2796	110.7981	55.67511
298.9	-0.00015	0.00078	0.00031	-4.56E-05	120.5856	113.1581	110.8229	55.61116
299.4	0.00025	0.00079	0.00061	-0.00098	120.3579	113.3191	110.734	55.56347
299.9	0.00031	0.00086	0.00038	-0.00123	120.3251	113.2701	110.8279	55.54931
300.4	-8.64E-05	-0.00040	0.00145	-0.00092	120.4957	113.2832	110.8486	55.572
300.9	0.00068	0.00087	0.00185	-0.00026	120.5894	113.3529	111.0536	55.62878
301.4	0.00072	0.00035	0.00140	0.00062	120.6093	113.4819	111.1823	55.72177
301.9	0.00027	0.00018	0.00229	0.00162	120.5493	113.665	111.2297	55.66273
302.4	0.00134	0.00212	0.00254	0.00058	120.6738	113.6262	111.4513	55.82115
302.9	0.00136	0.00220	0.00181	0.00234	120.9516	113.87	111.5567	55.81044
303.4	0.00211	0.00217	0.00231	0.00156	120.8392	113.8688	111.5522	55.82087
303.9	0.00226	0.00059	0.00210	0.00133	120.8943	114.0492	111.6735	55.85756
304.4	0.00099	0.00086	0.00158	0.00145	121.0109	114.0702	111.7611	55.99023
304.9	0.00102	0.00151	0.00216	0.00271	121.017	114.1168	111.7443	55.95861
305.4	0.00220	0.00042	0.00205	0.00168	121.1868	114.1883	111.8867	55.94868
305.9	0.00050	0.00156	0.00113	0.00131	121.2544	114.293	111.9316	55.96404
306.4	0.00029	0.00086	0.00165	0.00143	121.2263	114.1699	112.149	56.00728
306.9	0.00138	0.00082	0.00118	0.00184	121.3716	114.3477	112.2688	56.07519
307.4	0.00147	0.00082	0.00194	0.00241	121.4116	114.289	112.2873	56.16578
307.9	0.00088	0.00118	0.00195	0.00304	121.3439	114.259	112.4673	56.27783
308.4	-0.00014	0.00178	0.00110	0.00105	121.4357	114.5177	112.5362	56.21968
308.9	-9.97E-05	0.00016	0.00147	0.00259	121.3898	114.5108	112.4748	56.35612
309.4	0.00090	0.00081	0.00104	0.00098	121.4926	114.5157	112.5577	56.31712
309.9	-0.00088	-0.00025	-5.72E-05	0.00024	121.5049	114.2989	112.5526	56.30746
310.4	-0.00093	0.00079	0.00028	0.00034	121.3499	114.3722	112.5459	56.33933
310.9	-0.00013	0.00065	0.00059	0.00193	121.3963	114.5231	112.7042	56.48357
311.4	-9.79E-05	0.00071	9.52E-05	0.00072	121.6388	114.4644	112.7844	56.47457
311.9	0.00092	0.00130	0.00098	0.00039	121.5296	114.7271	112.7874	56.50056
312.4	0.00146	0.00183	0.00122	0.00060	121.6207	114.7799	112.9776	56.56093
312.9	0.00131	0.00077	0.00251	0.00111	121.8784	114.8558	113.0572	56.63885
313.4	0.00197	0.00188	0.00276	0.00161	122.0261	114.952	113.2895	56.7332
313.9	0.00173	0.00101	0.00200	0.00212	122.0621	115.0663	113.4061	56.84298
314.4	0.00094	0.00041	0.00249	0.00267	121.9891	115.2014	113.4094	56.78138
314.9	0.00161	0.00185	0.00229	0.00113	122.0874	115.094	113.5702	56.92788
315.4	0.00140	0.00161	0.00126	0.00249	122.3537	115.2787	113.6206	56.90468
315.9	0.00210	0.00144	0.00162	0.00152	122.2367	115.2218	113.5629	56.90165
316.4	0.00228	-0.00017	0.00135	0.00114	122.3088	115.3643	113.6456	56.92975
316.9	0.00117	0.00019	0.00090	0.00125	122.4687	115.3691	113.713	57.06257
317.4	0.00144	0.00103	0.00162	0.00259	122.5288	115.4102	113.6815	57.03159
317.9	0.00281	0.00011	0.00163	0.00163	122.761	115.4838	113.8144	57.02353

318.4	0.00123	0.00135	0.00077	0.00127	122.8835	115.5859	113.8412	57.0363
318.9	0.00102	0.00066	0.00124	0.00130	122.8931	115.4456	114.0264	57.06859
319.4	0.00205	0.00058	0.00068	0.00159	123.0713	115.6042	114.1071	57.12254
319.9	0.00206	0.00052	0.00134	0.00203	123.1391	115.5229	114.0821	57.19737
320.4	0.00141	0.00085	0.00128	0.00257	123.0962	115.4705	114.2184	57.29311
320.9	0.00037	0.00144	0.00041	0.00056	123.2217	115.7172	114.2505	57.22129
321.4	0.00049	-5.76E-05	0.00085	0.00216	123.2383	115.7256	114.1786	57.36037
321.9	0.00173	0.00085	0.00068	0.00083	123.4203	115.7618	114.2671	57.33044
322.4	0.00010	-3.32E-05	-0.00027	0.00026	123.4989	115.5645	114.2566	57.32475
322.9	-5.77E-05	0.00091	-2.54E-05	0.00025	123.3674	115.6214	114.208	57.34155
323.4	0.00052	0.00056	7.56E-05	0.00161	123.4172	115.7357	114.3056	57.46127
323.9	0.00026	0.00036	-0.00069	0.00013	123.6415	115.6186	114.3046	57.41602
324.4	0.00090	0.00060	-0.00015	-0.00055	123.4779	115.7964	114.1988	57.3919
324.9	0.00106	0.00078	-0.00025	-0.00070	123.4858	115.7398	114.2589	57.39068
325.4	0.00054	-0.00058	0.00073	-0.00050	123.6658	115.7166	114.2181	57.41264
325.9	0.00101	0.00042	0.00089	-0.00010	123.7403	115.7269	114.3439	57.45788
326.4	0.00072	-0.00039	0.00019	0.00046	123.7077	115.7692	114.3676	57.52563
326.9	-9.61E-05	-0.00089	0.00078	0.00111	123.5708	115.846	114.2916	57.4277
327.4	0.00058	0.00068	0.00073	-0.00029	123.6053	115.6865	114.3814	57.54207
327.9	0.00029	0.00048	-0.00023	0.00111	123.7835	115.8035	114.3454	57.47675
328.4	0.00082	0.00028	9.81E-05	7.80E-05	123.5744	115.6813	114.2053	57.43291
328.9	0.00096	-0.00127	-8.31E-05	-0.00024	123.5742	115.7777	114.2271	57.43047
329.4	-1.87E-05	-0.00073	-0.00032	6.18E-05	123.6805	115.7521	114.2523	57.54272
329.9	0.00044	0.00032	0.00065	0.00164	123.7149	115.7867	114.205	57.50423
330.4	0.00207	-0.00033	0.00097	0.00099	123.9485	115.8767	114.3462	57.50126
330.9	0.00088	0.00128	0.00051	0.00104	124.1008	116.0227	114.4069	57.53278
331.4	0.00107	0.00100	0.00139	0.00150	124.1663	115.9533	114.651	57.59634
331.9	0.00232	0.00118	0.00108	0.00202	124.3824	116.1732	114.7758	57.67277
332.4	0.00242	0.00130	0.00186	0.00256	124.4763	116.1509	114.7876	57.76482
332.9	0.00177	0.00172	0.00183	0.00310	124.4528	116.1607	114.9593	57.87476
333.4	0.00068	0.00237	0.00095	0.00103	124.5904	116.4711	115.0234	57.81218
333.9	0.00074	0.00095	0.00141	0.00256	124.6107	116.5418	114.9802	57.95761
334.4	0.00191	0.00189	0.00122	0.00115	124.7986	116.6459	115.1026	57.93329
334.9	0.00020	0.00102	0.00026	0.00048	124.8723	116.5095	115.1199	57.92818
335.4	-4.18E-07	0.00199	0.00052	0.00043	124.7397	116.6341	115.1057	57.94751
335.9	0.00056	0.00168	0.00065	0.00175	124.7966	116.8231	115.2467	58.07323
336.4	0.00035	0.00155	-2.48E-05	0.00030	125.0346	116.784	115.295	58.0353
336.9	0.00106	0.00187	0.00062	-0.00031	124.8918	117.0485	115.2472	58.02257
337.4	0.00128	0.00212	0.00061	-0.00040	124.9219	117.0762	115.3671	58.03274
337.9	0.00075	0.00074	0.00159	-0.00024	125.0939	117.1072	115.3584	58.05131
338.4	0.00094	0.00144	0.00150	-0.00013	125.1067	117.122	115.4706	58.06831
338.9	0.00026	0.00024	0.00044	3.81E-05	125.014	117.1686	115.4817	58.10864
339.4	-0.00064	-0.00039	0.00094	0.00057	124.8566	117.2837	115.4267	58.00043
339.9	0.00027	0.00136	0.00110	-0.00060	124.916	117.1983	115.575	58.12506
340.4	0.00042	0.00156	0.00054	0.00121	125.1884	117.4506	115.6547	58.09998
340.9	0.00159	0.00193	0.00146	0.00080	125.116	117.5005	115.6678	58.117
341.4	0.00235	0.00096	0.00184	0.00109	125.2752	117.7894	115.862	58.18605
341.9	0.00181	0.00189	0.00200	0.00182	125.54	117.9544	116.0592	58.37086
342.4	0.00232	0.00298	0.00303	0.00347	125.6764	118.1304	116.1367	58.3797

342.9	0.00374	0.00214	0.00317	0.00266	125.9715	118.3234	116.3707	58.40706
343.4	0.00216	0.00333	0.00237	0.00236	126.1478	118.5359	116.4941	58.45427
343.9	0.00189	0.00256	0.00284	0.00241	126.2068	118.4974	116.7781	58.52178
344.4	0.00286	0.00241	0.00230	0.00271	126.4324	118.7551	116.9546	58.61044
344.9	0.00282	0.00227	0.00296	0.00317	126.55	118.7704	117.0287	58.72274
345.4	0.00218	0.00254	0.00292	0.00373	126.5552	118.8121	117.2665	58.8564
345.9	0.00115	0.00308	0.00208	0.00176	126.7357	119.1591	117.4028	58.82223
346.4	0.00134	0.00164	0.00260	0.00344	126.8187	119.274	117.4447	59.00764
346.9	0.00265	0.00258	0.00251	0.00220	127.0787	119.4233	117.6566	59.02545
347.4	0.00114	0.00176	0.00167	0.00173	127.2328	119.3328	117.7664	59.06683
347.9	0.00104	0.00271	0.00196	0.00178	127.1756	119.5007	117.8381	59.13137
348.4	0.00161	0.00235	0.00205	0.00311	127.2968	119.7205	118.0524	59.29733
348.9	0.00135	0.00210	0.00127	0.00162	127.5875	119.6964	118.1583	59.29146
349.4	0.00195	0.00228	0.00175	0.00090	127.485	119.9718	118.1571	59.3069
349.9	0.00205	0.00238	0.00158	0.00069	127.5388	119.9913	118.3074	59.33669
350.4	0.00130	0.00080	0.00230	0.00063	127.7257	120.0057	118.3167	59.37
350.9	0.00145	0.00146	0.00214	0.00069	127.7934	120.0421	118.4834	59.42071
351.4	0.00098	0.00046	0.00125	0.00104	127.7747	120.1304	118.5648	59.5037
351.9	0.00028	4.32E-05	0.00190	0.00174	127.6844	120.284	118.5738	59.43251
352.4	0.00117	0.00178	0.00204	0.00055	127.8019	120.2261	118.7801	59.5913
352.9	0.00130	0.00198	0.00147	0.00230	128.1234	120.5013	118.9076	59.59328
353.4	0.00237	0.00228	0.00230	0.00180	128.0824	120.5607	118.9559	59.6322
353.9	0.00295	0.00118	0.00251	0.00193	128.2471	120.838	119.1619	59.71162
354.4	0.00199	0.00172	0.00226	0.00225	128.4623	120.9404	119.3198	59.88377
354.9	0.00217	0.00250	0.00295	0.00358	128.553	121.0601	119.3577	59.88194
355.4	0.00334	0.00147	0.00283	0.00259	128.8056	121.1993	119.5514	59.90098
355.9	0.00163	0.00253	0.00186	0.00220	128.9342	121.3555	119.6253	59.93929
356.4	0.00130	0.00172	0.00220	0.00221	128.9466	121.2604	119.8598	59.99997
356.9	0.00219	0.00152	0.00155	0.00248	129.1328	121.4699	119.9869	60.08514
357.4	0.00217	0.00141	0.00215	0.00296	129.2184	121.4419	120.0149	60.19859
357.9	0.00164	0.00179	0.00217	0.00365	129.2041	121.4525	120.2186	60.34018
358.4	0.00069	0.00239	0.00136	0.00179	129.3664	121.7707	120.3174	60.31168
358.9	0.00089	0.00096	0.00185	0.00345	129.4161	121.8408	120.3071	60.49876
359.4	0.00213	0.00184	0.00168	0.00219	129.635	121.9361	120.4596	60.51139
359.9	0.00054	0.00092	0.00073	0.00162	129.7422	121.784	120.5038	60.54529
360.4	0.00037	0.00178	0.00093	0.00159	129.6318	121.8884	120.5056	60.60019
360.9	0.00092	0.00139	0.00099	0.00287	129.7062	122.0486	120.6553	60.75935
361.4	0.00053	0.00101	9.27E-05	0.00125	129.9074	121.9217	120.6562	60.72311
361.9	0.00073	0.00080	0.00019	0.00013	129.6642	122.0536	120.5068	60.68539
362.4	0.00052	0.00060	-0.00027	-0.00041	129.6102	121.9565	120.5398	60.67701
362.9	-7.34E-06	-0.00076	0.00066	-0.00025	129.7875	121.9442	120.5197	60.71848
363.4	0.00076	0.00051	0.00113	0.00043	129.9058	122.0125	120.7173	60.80756
363.9	0.00094	0.00018	0.00091	0.00145	129.9688	122.1629	120.86	60.94529
364.4	0.00073	0.00024	0.00206	0.00265	129.9747	122.3917	120.9433	60.9346
364.9	0.00205	0.00238	0.00263	0.00193	130.2125	122.4227	121.2417	61.16613
365.4	0.00252	0.00286	0.00236	0.00397	130.6334	122.7623	121.4331	61.22489
365.9	0.00354	0.00306	0.00307	0.00338	130.6525	122.8427	121.5023	61.29874
366.4	0.00390	0.00166	0.00298	0.00318	130.8547	123.1116	121.6979	61.39518
366.9	0.00289	0.00202	0.00254	0.00327	131.1303	123.2169	121.8543	61.58865

367.4	0.00308	0.00270	0.00309	0.00441	131.2958	123.3486	121.8958	61.60575
367.9	0.00433	0.00168	0.00294	0.00332	131.6338	123.5056	122.0975	61.64163
368.4	0.00280	0.00281	0.00202	0.00288	131.8682	123.6992	122.1951	61.70229
368.9	0.00266	0.00216	0.00247	0.00292	132.0049	123.6582	122.4721	61.79125
369.4	0.00375	0.00215	0.00198	0.00324	132.3219	123.9314	122.6456	61.9048
369.9	0.00387	0.00219	0.00270	0.00375	132.5275	123.9594	122.7125	62.04125
370.4	0.00328	0.00253	0.00266	0.00428	132.6145	124.0145	122.9445	62.1977
370.9	0.00227	0.00309	0.00181	0.00232	132.8689	124.374	123.0635	62.17614
371.4	0.00238	0.00165	0.00225	0.00385	133.0084	124.4859	123.0745	62.37373
371.9	0.00355	0.00251	0.00207	0.00253	133.3212	124.6288	123.2549	62.39594
372.4	0.00192	0.00161	0.00112	0.00192	133.5134	124.5186	123.3227	62.4374
372.9	0.00172	0.00249	0.00134	0.00188	133.483	124.6694	123.3489	62.50066
373.4	0.00219	0.00209	0.00138	0.00310	133.6397	124.8796	123.5277	62.67104
373.9	0.00186	0.00182	0.00059	0.00160	133.9656	124.8388	123.5944	62.66343
374.4	0.00240	0.00200	0.00106	0.00088	133.8861	125.1039	123.5522	62.67737
374.9	0.00248	0.00212	0.00093	0.00068	133.9902	125.1306	123.6883	62.7178
375.4	0.00196	0.00080	0.00187	0.00085	134.2676	125.187	123.7153	62.77982
375.9	0.00239	0.00176	0.00203	0.00122	134.4336	125.2774	123.9154	62.86566
376.4	0.00204	0.00092	0.00131	0.00170	134.483	125.3971	124.0059	62.97292
376.9	0.00118	0.00037	0.00182	0.00224	134.4121	125.5429	123.9836	62.90163
377.4	0.00176	0.00181	0.00171	0.00084	134.5201	125.4428	124.1346	63.05267
377.9	0.00150	0.00165	0.00082	0.00220	134.8038	125.654	124.1777	63.02777
378.4	0.00210	0.00155	0.00124	0.00131	134.6804	125.6138	124.1104	63.0241
378.9	0.00223	7.07E-05	0.00108	0.00102	134.7473	125.7783	124.1882	63.05092
379.4	0.00105	0.00038	0.00063	0.00106	134.8881	125.7854	124.2381	63.18051
379.9	0.00114	0.00108	0.00125	0.00222	134.9098	125.8193	124.1756	63.13171
380.4	0.00225	6.04E-05	0.00115	0.00115	135.0873	125.8661	124.2657	63.09581
380.9	0.00050	0.00105	0.00015	0.00059	135.1396	125.934	124.2379	63.07726
381.4	0.00017	0.00028	0.00052	0.00051	135.0928	125.7662	124.3939	63.0884
381.9	0.00125	0.00032	0.00012	0.00090	135.2569	125.9405	124.4717	63.13829
382.4	0.00144	0.00045	0.00096	0.00152	135.3255	125.8824	124.4579	63.2197
382.9	0.00106	0.00099	0.00115	0.00227	135.298	125.8719	124.6309	63.3325
383.4	0.00030	0.00179	0.00056	0.00060	135.4609	126.186	124.7082	63.27584
383.9	0.00064	0.00057	0.00122	0.00236	135.5221	126.2621	124.6882	63.44672
384.4	0.00199	0.00159	0.00122	0.00125	135.7531	126.3628	124.8326	63.43772
384.9	0.00049	0.00078	0.00037	0.00075	135.8601	126.2038	124.8589	63.44613
385.4	0.00031	0.00164	0.00057	0.00071	135.7449	126.306	124.8418	63.47614
385.9	0.00085	0.00126	0.00064	0.00196	135.8203	126.4657	124.9758	63.61336
386.4	0.00061	0.00103	-0.00012	0.00052	136.0821	126.3826	125.0066	63.57706
386.9	0.00126	0.00125	0.00041	-0.00012	135.9476	126.614	124.9344	63.5667
387.4	0.00146	0.00143	0.00033	-0.00024	135.9966	126.6004	125.0361	63.58097
387.9	0.00105	0.00017	0.00131	1.67E-06	136.235	126.6262	125.0374	63.62272
388.4	0.00157	0.00114	0.00149	0.00042	136.3619	126.6837	125.2099	63.68788
388.9	0.00132	0.00035	0.00081	0.00095	136.3745	126.7706	125.272	63.77525
389.4	0.00057	-0.00015	0.00136	0.00156	136.276	126.8904	125.2268	63.68713
389.9	0.00119	0.00129	0.00126	0.00020	136.3574	126.7606	125.3533	63.82212
390.4	0.00099	0.00114	0.00038	0.00158	136.6127	126.9393	125.3668	63.77844
390.9	0.00165	0.00107	0.00082	0.00075	136.4675	126.8725	125.276	63.76038
391.4	0.00180	-0.00041	0.00065	0.00046	136.513	127.0094	125.3286	63.77242

391.9	0.00067	-8.99E-05	0.00021	0.00055	136.624	126.9796	125.3446	63.88371
392.4	0.00067	0.00051	0.00073	0.00161	136.5945	126.9577	125.2288	63.80598
392.9	0.00166	-0.00062	0.00050	0.00043	136.7395	126.9641	125.281	63.74967
393.4	6.91E-05	0.00048	-0.00037	2.21E-05	136.7931	127.0223	125.2441	63.72718
393.9	-1.04E-05	-4.83E-05	0.00021	0.00020	136.7684	126.8624	125.4086	63.74464
394.4	0.00120	0.00011	-8.23E-05	0.00072	136.9452	127.0363	125.483	63.79614
394.9	0.00146	0.00030	0.00079	0.00141	137.0228	126.9732	125.4604	63.87781
395.4	0.00112	0.00086	0.00099	0.00219	137.0006	126.9543	125.6222	63.98945
395.9	0.00035	0.00163	0.00037	0.00051	137.1613	127.2527	125.6822	63.92642
396.4	0.00059	0.00031	0.00095	0.00215	137.1934	127.2882	125.6267	64.07978
396.9	0.00178	0.00118	0.00085	0.00091	137.3939	127.3469	125.7411	64.05155
397.4	0.00018	0.00027	-3.04E-05	0.00030	137.4763	127.1527	125.7509	64.04466
397.9	-4.57E-06	0.00114	0.00026	0.00027	137.3311	127.2204	125.7217	64.05865
398.4	0.00050	0.00076	0.00040	0.00151	137.3835	127.3548	125.8569	64.18444
398.9	0.00027	0.00059	-0.00023	0.00012	137.6292	127.2555	125.9007	64.14011
399.4	0.00093	0.00088	0.00041	-0.00047	137.47	127.4709	125.8415	64.12022
399.9	0.00115	0.00113	0.00044	-0.00054	137.4973	127.4465	125.9635	64.12727
400.4	0.00071	-9.73E-05	0.00148	-0.00030	137.7112	127.4625	125.9852	64.16122
400.9	0.00121	0.00092	0.00172	0.00014	137.811	127.5123	126.1803	64.21862
401.4	0.00095	0.00018	0.00110	0.00069	137.7965	127.5954	126.2672	64.29941
401.9	0.00017	-0.00029	0.00167	0.00130	137.6709	127.7144	126.2482	64.20472
402.4	0.00079	0.00120	0.00160	-3.69E-05	137.7204	127.5805	126.3977	64.3319
402.9	0.00059	0.00109	0.00076	0.00136	137.9514	127.7636	126.4397	64.28307
403.4	0.00123	0.00103	0.00120	0.00053	137.7766	127.6986	126.374	64.25854
403.9	0.00139	-0.00040	0.00104	0.00027	137.7941	127.8396	126.4526	64.26467
404.4	0.00027	-5.52E-05	0.00062	0.00036	137.8881	127.8232	126.5027	64.37539
404.9	0.00039	0.00068	0.00124	0.00154	137.8706	127.8414	126.4454	64.31023
405.4	0.00159	-0.00025	0.00120	0.00058	138.0331	127.892	126.5597	64.26857
405.9	8.27E-05	0.00094	0.00040	0.00025	138.0862	127.9789	126.5683	64.25249
406.4	-0.00011	0.00031	0.00087	0.00031	138.021	127.8114	126.7447	64.25777
406.9	0.00078	0.00017	0.00028	0.00052	138.1113	127.9372	126.7903	64.27513
407.4	0.00069	1.47E-05	0.00080	0.00084	138.088	127.8124	126.7262	64.31599
407.9	8.57E-05	0.00032	0.00075	0.00135	137.9764	127.7424	126.8564	64.39226
408.4	-0.00070	0.00106	9.48E-05	-0.00035	138.0746	128.0134	126.903	64.30534
408.9	-0.00030	-0.00010	0.00078	0.00145	138.0833	128.0548	126.8614	64.45388
409.4	0.00117	0.00102	0.00087	0.00048	138.2911	128.1445	127.0088	64.43436
409.9	-0.00012	0.00038	0.00020	0.00018	138.3946	127.991	127.0552	64.44283
410.4	-2.24E-05	0.00150	0.00065	0.00043	138.2817	128.1087	127.0655	64.47781
410.9	0.00058	0.00120	0.00079	0.00177	138.3474	128.2743	127.2171	64.6155
411.4	0.00033	0.00097	2.83E-05	0.00035	138.5833	128.1832	127.2501	64.57094
411.9	0.00090	0.00116	0.00049	-0.00033	138.4057	128.4011	127.1682	64.54691
412.4	0.00099	0.00127	0.00031	-0.00055	138.4072	128.371	127.2567	64.54523
412.9	0.00045	-5.59E-05	0.00116	-0.00043	138.5856	128.3723	127.2315	64.5647
413.4	0.00087	0.00087	0.00125	-0.00010	138.6549	128.4116	127.3815	64.60902
413.9	0.00061	0.00013	0.00057	0.00043	138.631	128.5032	127.439	64.68572
414.4	-5.80E-05	-0.00024	0.00118	0.00110	138.5029	128.6369	127.3943	64.58875
414.9	0.00067	0.00134	0.00118	-0.00015	138.563	128.5272	127.5279	64.71912
415.4	0.00057	0.00132	0.00039	0.00131	138.8055	128.7354	127.5529	64.67221
415.9	0.00126	0.00130	0.00085	0.00051	138.6378	128.691	127.4661	64.64736

416.4	0.00147	-9.36E-05	0.00072	0.00026	138.6622	128.8519	127.523	64.65222
416.9	0.00027	0.00016	0.00021	0.00025	138.7331	128.8272	127.5249	64.74723
417.4	0.00021	0.00070	0.00064	0.00123	138.6765	128.8226	127.4054	64.65808
417.9	0.00131	-0.00031	0.00051	0.00016	138.8187	128.8659	127.4745	64.60064
418.4	-0.00013	0.00092	-0.00023	-0.00012	138.8826	128.9727	127.4655	64.58305
418.9	-0.00014	0.00045	0.00041	0.00010	138.8519	128.8448	127.6464	64.59749
419.4	0.00108	0.00062	0.00014	0.00062	139.0222	129.0505	127.7358	64.64426
419.9	0.00134	0.00078	0.00101	0.00127	139.0937	129.0175	127.7291	64.72108
420.4	0.00098	0.00132	0.00119	0.00201	139.0615	129.0254	127.9048	64.82615
420.9	0.00020	0.00204	0.00055	0.00031	139.1997	129.3401	127.9621	64.74921
421.4	0.00035	0.00064	0.00101	0.00185	139.2124	129.3923	127.9004	64.893
421.9	0.00153	0.00148	0.00084	0.00062	139.3971	129.4684	128.0049	64.85681
422.4	-4.73E-05	0.00057	-9.68E-05	6.47E-05	139.4622	129.2871	127.9959	64.8438
422.9	-0.00024	0.00140	9.15E-05	6.46E-05	139.3035	129.3721	127.9463	64.85639
423.4	0.00031	0.00104	0.00019	0.00139	139.355	129.5317	128.0671	64.98849
423.9	0.00015	0.00090	-0.00045	0.00013	139.6011	129.4525	128.0918	64.95099
424.4	0.00086	0.00120	0.00017	-0.00035	139.4449	129.6925	128.0147	64.94193
424.9	0.00110	0.00142	0.00016	-0.00036	139.4711	129.6828	128.1138	64.95844
425.4	0.00065	0.00015	0.00112	-9.52E-05	139.674	129.701	128.101	64.99751
425.9	0.00110	0.00107	0.00129	0.00032	139.7617	129.7502	128.2621	65.06048
426.4	0.00080	0.00026	0.00061	0.00086	139.7311	129.8277	128.3114	65.14575
426.9	-8.09E-05	-0.00035	0.00106	0.00136	139.5423	129.8978	128.2139	65.03276
427.4	0.00015	0.00071	0.00063	-0.00034	139.4892	129.6745	128.2511	65.12389
427.9	-0.00037	0.00027	-0.00051	0.00074	139.627	129.7766	128.1882	65.04153
428.4	0.00029	0.00020	-5.16E-05	-7.74E-05	139.4194	129.6832	128.0728	65.01226
428.9	0.00077	-0.00094	0.00011	-2.55E-05	139.4633	129.8486	128.155	65.03996
429.4	0.00013	-0.00016	0.00016	0.00052	139.623	129.8901	128.2448	65.19011
429.9	0.00075	0.00104	0.00128	0.00218	139.7064	129.9987	128.2599	65.17993
430.4	0.00242	0.00058	0.00172	0.00170	140.0056	130.1705	128.4796	65.21048
430.9	0.00130	0.00210	0.00130	0.00176	140.1762	130.3608	128.5766	65.25979
431.4	0.00123	0.00158	0.00189	0.00197	140.2164	130.2813	128.8313	65.32767
431.9	0.00219	0.00148	0.00137	0.00229	140.4241	130.5029	128.9604	65.41457
432.4	0.00218	0.00136	0.00195	0.00274	140.5083	130.4588	128.9679	65.52234
432.9	0.00155	0.00157	0.00182	0.00325	140.4734	130.4384	129.1411	65.65244
433.4	0.00053	0.00200	0.00090	0.00134	140.6161	130.7279	129.1969	65.60201
433.9	0.00063	0.00051	0.00126	0.00285	140.6486	130.7641	129.1431	65.77986
434.4	0.00188	0.00136	0.00110	0.00168	140.8795	130.844	129.2748	65.78618
434.9	0.00044	0.00053	0.00024	0.00123	141.003	130.6739	129.3004	65.819
435.4	0.00038	0.00144	0.00050	0.00130	140.9016	130.7696	129.2819	65.87465
435.9	0.00099	0.00111	0.00061	0.00262	141.0005	130.9288	129.4222	66.04272
436.4	0.00076	0.00086	-0.00015	0.00122	141.2789	130.8323	129.4492	66.02943
436.9	0.00140	0.00108	0.00036	0.00059	141.1461	131.0502	129.3659	66.03935
437.4	0.00155	0.00120	0.00023	0.00044	141.1976	131.0174	129.4584	66.07319
437.9	0.00106	-0.00011	0.00112	0.00058	141.4127	131	129.4245	66.12117
438.4	0.00125	0.00054	0.00100	0.00067	141.4485	130.9579	129.5092	66.1619
438.9	0.00056	-0.00065	-6.83E-05	0.00075	141.3557	130.9362	129.4722	66.21927
439.4	-0.00041	-0.00134	0.00028	0.00111	141.1889	130.9836	129.3623	66.11615
439.9	0.00041	0.00029	0.00039	-2.57E-05	141.2652	130.8321	129.4823	66.26929
440.4	0.00064	0.00057	-2.33E-05	0.00178	141.5815	131.0509	129.546	66.27092

440.9	0.00177	0.00097	0.00091	0.00146	141.528	131.0543	129.5392	66.31685
441.4	0.00246	4.91E-05	0.00129	0.00173	141.7054	131.297	129.7092	66.40915
441.9	0.00190	0.00089	0.00138	0.00233	141.9918	131.4066	129.8731	66.61876
442.4	0.00233	0.00189	0.00226	0.00373	142.1412	131.529	129.8992	66.6324
442.9	0.00364	0.00110	0.00228	0.00280	142.4654	131.6765	130.0828	66.65948
443.4	0.00219	0.00229	0.00142	0.00237	142.6735	131.8567	130.1462	66.70419
443.9	0.00199	0.00165	0.00176	0.00226	142.7584	131.7774	130.3709	66.76439
444.4	0.00296	0.00161	0.00117	0.00241	143.0315	132.0243	130.4844	66.8472
444.9	0.00304	0.00164	0.00178	0.00277	143.201	132.0298	130.4942	66.9568
445.4	0.00253	0.00205	0.00173	0.00325	143.2579	132.0734	130.6802	67.09003
445.9	0.00165	0.00270	0.00094	0.00139	143.4942	132.4363	130.7513	67.03929
446.4	0.00180	0.00136	0.00137	0.00285	143.6131	132.5456	130.7107	67.21576
446.9	0.00296	0.00224	0.00118	0.00156	143.9065	132.6821	130.8383	67.20673
447.4	0.00142	0.00139	0.00025	0.00097	144.0757	132.5585	130.8498	67.21775
447.9	0.00122	0.00224	0.00043	0.00089	144.0176	132.7073	130.8211	67.25281
448.4	0.00168	0.00186	0.00046	0.00206	144.1492	132.9129	130.9451	67.39665
448.9	0.00139	0.00163	-0.00030	0.00062	144.4626	132.8647	130.959	67.3588
449.4	0.00193	0.00182	0.00018	-5.79E-05	144.3592	133.1352	130.8646	67.34543
449.9	0.00203	0.00194	5.90E-05	-0.00024	144.4353	133.1493	130.9443	67.35452
450.4	0.00149	0.00064	0.00095	-9.85E-05	144.682	133.1855	130.9044	67.38196
450.9	0.00170	0.00134	0.00090	4.55E-05	144.7609	133.2102	130.9988	67.41012
451.4	0.00104	0.00022	-8.96E-05	0.00020	144.7065	133.254	130.9709	67.45515
451.9	0.00011	-0.00041	0.00033	0.00063	144.5672	133.3598	130.8627	67.33482
452.4	0.00086	0.00118	0.00043	-0.00051	144.6714	133.2647	130.9851	67.47307
452.9	0.00099	0.00139	-5.12E-05	0.00122	144.9966	133.5263	131.033	67.44915
453.4	0.00198	0.00170	0.00079	0.00081	144.9321	133.5586	130.998	67.46371
453.9	0.00249	0.00064	0.00102	0.00094	145.0915	133.8232	131.1342	67.52189
454.4	0.00175	0.00130	0.00096	0.00139	145.3413	133.9317	131.2498	67.69067
454.9	0.00206	0.00214	0.00175	0.00270	145.4579	134.0507	131.235	67.66658
455.4	0.00327	0.00121	0.00173	0.00175	145.7556	134.1902	131.3858	67.66039
455.9	0.00178	0.00224	0.00087	0.00131	145.9299	134.3492	131.4142	67.67128
456.4	0.00159	0.00152	0.00127	0.00128	145.997	134.2539	131.6219	67.70766
456.9	0.00262	0.00145	0.00079	0.00156	146.2666	134.4925	131.7303	67.774
457.4	0.00275	0.00144	0.00148	0.00202	146.4212	134.4738	131.7277	67.86404
457.9	0.00226	0.00178	0.00148	0.00256	146.456	134.4848	131.8982	67.9763
458.4	0.00135	0.00231	0.00068	0.00071	146.673	134.8164	131.9552	67.90506
458.9	0.00148	0.00091	0.00110	0.00218	146.7664	134.8863	131.8967	68.06133
459.4	0.00263	0.00174	0.00094	0.00094	147.0418	134.9876	132.0127	68.0346
459.9	0.00111	0.00089	4.19E-05	0.00039	147.1961	134.83	132.0162	68.03104
460.4	0.00093	0.00172	0.00024	0.00036	147.1176	134.9447	131.9771	68.05117
460.9	0.00142	0.00137	0.00031	0.00158	147.2362	135.1217	132.0961	68.18402
461.4	0.00113	0.00113	-0.00043	0.00019	147.5378	135.0426	132.1039	68.13452
461.9	0.00167	0.00132	4.94E-05	-0.00046	147.416	135.2835	132.0011	68.10926
462.4	0.00178	0.00147	-5.48E-05	-0.00060	147.4769	135.268	132.0743	68.10788
462.9	0.00125	0.00018	0.00083	-0.00045	147.7109	135.2762	132.0279	68.12586
463.4	0.00144	0.00088	0.00078	-0.00029	147.7742	135.2729	132.1157	68.14473
463.9	0.00083	-0.00019	-0.00018	-8.75E-05	147.7023	135.2891	132.0797	68.18082
464.4	-9.34E-05	-0.00081	0.00022	0.00036	147.554	135.376	131.9683	68.05479
464.9	0.00065	0.00077	0.00030	-0.00077	147.6432	135.2516	132.076	68.18378

465.4	0.00081	0.00101	-0.00019	0.00097	147.9626	135.4907	132.1086	68.15144
465.9	0.00181	0.00131	0.00059	0.00055	147.8916	135.5006	132.0585	68.15817
466.4	0.00233	0.00026	0.00081	0.00067	148.0414	135.7419	132.1814	68.20675
466.9	0.00159	0.00093	0.00078	0.00112	148.2775	135.8275	132.2927	68.36684
467.4	0.00183	0.00176	0.00163	0.00241	148.3736	135.9276	132.2884	68.33537
467.9	0.00298	0.00086	0.00174	0.00149	148.6387	136.0462	132.4589	68.32137
468.4	0.00142	0.00193	0.00103	0.00110	148.7693	136.1843	132.5155	68.32571
468.9	0.00109	0.00117	0.00152	0.00105	148.7751	136.0589	132.7518	68.35307
469.4	0.00195	0.00105	0.00110	0.00130	148.9759	136.2662	132.8904	68.41035
469.9	0.00198	0.00103	0.00187	0.00178	149.068	136.2241	132.9302	68.4981
470.4	0.00147	0.00140	0.00198	0.00240	149.0463	136.2199	133.1536	68.61385
470.9	0.00058	0.00200	0.00130	0.00066	149.2122	136.5425	133.2682	68.54874
471.4	0.00075	0.00069	0.00184	0.00224	149.2565	136.6043	133.2692	68.71476
471.9	0.00189	0.00153	0.00172	0.00107	149.4857	136.6983	133.4457	68.6981
472.4	0.00040	0.00069	0.00085	0.00057	149.5907	136.5291	133.5054	68.70392
472.9	0.00024	0.00154	0.00106	0.00058	149.4601	136.6317	133.5187	68.73296
473.4	0.00073	0.00119	0.00112	0.00181	149.5327	136.7994	133.6917	68.87688
473.9	0.00046	0.00096	0.00036	0.00044	149.7902	136.7085	133.75	68.83717
474.4	0.00103	0.00116	0.00083	-0.00018	149.6209	136.9379	133.6932	68.82092
474.9	0.00114	0.00128	0.00069	-0.00033	149.6412	136.9126	133.8145	68.83027
475.4	0.00064	3.94E-06	0.00154	-0.00017	149.8479	136.92	133.8219	68.86359
475.9	0.00108	0.00092	0.00167	0.00021	149.9371	136.962	134.0066	68.92188
476.4	0.00078	0.00014	0.00097	0.00070	149.9094	137.039	134.0796	69.0052
476.9	1.30E-05	-0.00037	0.00146	0.00126	149.7631	137.1497	134.0398	68.90531
477.4	0.00063	0.00107	0.00138	-1.00E-05	149.8118	137.0078	134.1829	69.04071
477.9	0.00048	0.00099	0.00057	0.00138	150.0605	137.203	134.2237	68.99845
478.4	0.00116	0.00098	0.00104	0.00063	149.8837	137.1383	134.151	68.98001
478.9	0.00137	-0.00036	0.00093	0.00043	149.9124	137.2908	134.231	68.99539
479.4	0.00033	-7.68E-06	0.00054	0.00055	150.0229	137.2814	134.2834	69.11983
479.9	0.00047	0.00071	0.00116	0.00171	150.013	137.304	134.2218	69.05988
480.4	0.00164	-0.00017	0.00114	0.00079	150.1902	137.3594	134.3367	69.0238
480.9	0.00020	0.00098	0.00036	0.00047	150.2595	137.4575	134.3481	69.01679
481.4	6.44E-06	0.00035	0.00081	0.00051	150.2054	137.2919	134.5329	69.03178
481.9	0.00098	0.00033	0.00035	0.00083	150.3428	137.4558	134.6083	69.07265
482.4	0.00104	0.00032	0.00101	0.00128	150.3694	137.3669	134.5778	69.14132
482.9	0.00054	0.00069	0.00104	0.00185	150.2841	137.3173	134.7306	69.23727
483.4	-0.00029	0.00133	0.00033	0.00013	150.3909	137.5979	134.7745	69.15141
483.9	-0.00010	1.58E-05	0.00081	0.00166	150.3816	137.6209	134.7082	69.2989
484.4	0.00110	0.00090	0.00071	0.00050	150.5604	137.6774	134.8197	69.26266
484.9	-0.00033	0.00012	-0.00012	2.23E-05	150.6206	137.4741	134.8189	69.25062
485.4	-0.00043	0.00101	0.00013	5.89E-05	150.4545	137.5515	134.7804	69.26553
485.9	0.00013	0.00071	0.00024	0.00132	150.4912	137.6925	134.9022	69.39443
486.4	-7.50E-05	0.00052	-0.00045	-2.04E-05	150.7164	137.5758	134.9119	69.33961
486.9	0.00055	0.00076	6.85E-05	-0.00061	150.5246	137.7895	134.8164	69.31296
487.4	0.00072	0.00094	-5.89E-06	-0.00071	150.5177	137.7424	134.8963	69.30905
487.9	0.00014	-0.00043	0.00077	-0.00066	150.6402	137.6773	134.8142	69.30247
488.4	0.00018	9.62E-05	0.00054	-0.00069	150.6057	137.6119	134.8779	69.30263
488.9	-0.00035	-0.00092	-0.00037	-0.00045	150.4842	137.6043	134.856	69.34149
489.4	-0.00094	-0.00129	0.00031	0.00028	150.3201	137.69	134.7863	69.23151

489.9	4.21E-05	0.00042	0.00058	-0.00064	150.3992	137.5571	134.9413	69.37929
490.4	0.00035	0.00071	0.00023	0.00121	150.7148	137.7906	135.025	69.36565
490.9	0.00152	0.00114	0.00117	0.00096	150.6496	137.8134	135.0342	69.39714
491.4	0.00222	0.00033	0.00153	0.00124	150.8304	138.1113	135.231	69.48117
491.9	0.00160	0.00127	0.00154	0.00177	151.073	138.2601	135.3836	69.66545
492.4	0.00185	0.00239	0.00228	0.00304	151.1711	138.4515	135.4018	69.65356
492.9	0.00297	0.00179	0.00222	0.00208	151.4411	138.6852	135.5845	69.65774
493.4	0.00142	0.00313	0.00135	0.00164	151.5758	138.953	135.6409	69.67793
493.9	0.00112	0.00265	0.00170	0.00156	151.5854	138.9624	135.871	69.7186
494.4	0.00198	0.00271	0.00114	0.00173	151.7945	139.3126	135.9979	69.78741
494.9	0.00199	0.00278	0.00177	0.00211	151.8811	139.3982	136.0098	69.87793
495.4	0.00145	0.00318	0.00176	0.00262	151.8519	139.5175	136.2038	69.99326
495.9	0.00053	0.00374	0.00098	0.00077	152.0111	139.9612	136.2852	69.92265
496.4	0.00068	0.00239	0.00143	0.00223	152.0536	140.1401	136.2566	70.08578
496.9	0.00185	0.00322	0.00132	0.00104	152.2886	140.35	136.4104	70.06488
497.4	0.00042	0.00236	0.00049	0.00052	152.4042	140.2914	136.4519	70.06762
497.9	0.00030	0.00316	0.00073	0.00051	152.2881	140.5067	136.4527	70.09499
498.4	0.00084	0.00278	0.00085	0.00173	152.3746	140.7792	136.614	70.23591
498.9	0.00050	0.00239	3.78E-05	0.00025	152.5947	140.7357	136.6158	70.16599
499.4	0.00068	0.00212	0.00014	-0.00079	152.3268	140.9601	136.4541	70.09275
499.9	0.00046	0.00184	-0.00030	-0.00130	152.2646	140.933	136.4837	70.05129
500.4	-3.10E-05	0.00050	0.00055	-0.00116	152.4613	140.9968	136.4539	70.06606
500.9	0.00076	0.00166	0.00098	-0.00045	152.6098	141.1527	136.6563	70.13766
501.4	0.00101	0.00133	0.00074	0.00056	152.695	141.3872	136.7898	70.25919
501.9	0.00082	0.00130	0.00175	0.00166	152.7064	141.6915	136.8589	70.21639
502.4	0.00196	0.00315	0.00226	0.00092	152.9497	141.7664	137.1672	70.42685
502.9	0.00225	0.00342	0.00210	0.00272	153.3675	142.1574	137.3833	70.44528
503.4	0.00297	0.00342	0.00294	0.00203	153.3273	142.259	137.4967	70.47548
503.9	0.00308	0.00198	0.00312	0.00173	153.4689	142.5605	137.77	70.5288
504.4	0.00193	0.00220	0.00298	0.00174	153.6723	142.681	138.0163	70.68401
504.9	0.00189	0.00274	0.00372	0.00273	153.7449	142.8286	138.1508	70.65002
505.4	0.00286	0.00173	0.00377	0.00168	153.9904	142.9976	138.4571	70.63403
505.9	0.00128	0.00272	0.00302	0.00123	154.1161	143.2031	138.6522	70.64391
506.4	0.00101	0.00205	0.00350	0.00123	154.1336	143.1561	139.0379	70.68497
506.9	0.00192	0.00201	0.00308	0.00152	154.3454	143.4473	139.3113	70.75351
507.4	0.00201	0.00205	0.00378	0.00203	154.4438	143.4803	139.4733	70.85075
507.9	0.00148	0.00239	0.00377	0.00259	154.4235	143.549	139.8134	70.97408
508.4	0.00058	0.00295	0.00298	0.00083	154.5852	143.9442	140.0277	70.90836
508.9	0.00070	0.00162	0.00336	0.00231	154.6222	144.0696	140.1189	71.07646
509.4	0.00180	0.00240	0.00312	0.00111	154.8285	144.2094	140.3679	71.04927
509.9	3.38E-05	0.00128	0.00191	0.00030	154.8309	144.0071	140.425	71.00896
510.4	-0.00057	0.00167	0.00161	-0.00015	154.5796	144.0693	140.4176	70.98495
510.9	-0.00027	0.00111	0.00141	0.00085	154.5857	144.2421	140.6138	71.09914
511.4	-0.00030	0.00109	0.00083	-0.00031	154.8524	144.2128	140.751	71.05729
511.9	0.00073	0.00172	0.00167	-0.00050	154.7546	144.5734	140.8257	71.06851
512.4	0.00142	0.00237	0.00201	-0.00013	154.9016	144.7177	141.1235	71.12982
512.9	0.00152	0.00167	0.00334	0.00062	155.2819	144.9331	141.3384	71.24047
513.4	0.00253	0.00310	0.00396	0.00164	155.5672	145.2038	141.7546	71.39664
513.9	0.00249	0.00255	0.00347	0.00253	155.6976	145.4759	142.0255	71.57365

514.4	0.00180	0.00209	0.00399	0.00335	155.6815	145.7567	142.1603	71.56245
514.9	0.00231	0.00335	0.00382	0.00223	155.8392	145.7517	142.4654	71.7873
515.4	0.00199	0.00308	0.00290	0.00363	156.176	146.0691	142.6475	71.82495
515.9	0.00247	0.00285	0.00320	0.00288	156.067	146.105	142.7057	71.88499
516.4	0.00248	0.00131	0.00294	0.00262	156.1563	146.352	142.9139	71.97625
516.9	0.00134	0.00150	0.00247	0.00272	156.3314	146.4315	143.0977	72.1809
517.4	0.00144	0.00212	0.00307	0.00388	156.4002	146.5566	143.1793	72.20493
517.9	0.00264	0.00130	0.00312	0.00309	156.6789	146.7306	143.4604	72.2616
518.4	0.00128	0.00243	0.00244	0.00285	156.8422	146.9424	143.6301	72.34474
518.9	0.00115	0.00185	0.00293	0.00295	156.8785	146.8787	143.9776	72.44889
519.4	0.00209	0.00178	0.00247	0.00322	157.0907	147.1363	144.1937	72.56911
519.9	0.00186	0.00147	0.00283	0.00336	157.1012	147.0506	144.2209	72.67542
520.4	0.00081	0.00126	0.00230	0.00332	156.9364	146.9494	144.3828	72.78013
520.9	-0.00046	0.00142	0.00117	0.00115	156.9927	147.2129	144.4541	72.70947
521.4	-0.00027	0.00016	0.00164	0.00263	157.002	147.2785	144.4768	72.91204
521.9	0.00116	0.00129	0.00180	0.00176	157.2463	147.4216	144.7246	72.94698
522.4	0.00017	0.00095	0.00141	0.00171	157.4296	147.3515	144.9093	73.03397
522.9	0.00056	0.00228	0.00211	0.00220	157.4321	147.6104	145.0914	73.16687
523.4	0.00170	0.00250	0.00271	0.00392	157.7021	147.9731	145.4756	73.43523
523.9	0.00205	0.00272	0.00242	0.00299	158.1725	148.0513	145.7255	73.50498
524.4	0.00293	0.00300	0.00296	0.00245	158.2023	148.4355	145.8288	73.58437
524.9	0.00326	0.00309	0.00278	0.00224	158.418	148.5258	146.0903	73.67559
525.4	0.00289	0.00172	0.00346	0.00224	158.8229	148.6328	146.2156	73.78318
525.9	0.00333	0.00240	0.00339	0.00239	159.1005	148.7597	146.51	73.90901
526.4	0.00304	0.00147	0.00253	0.00268	159.2494	148.9094	146.6734	74.0544
526.9	0.00227	0.00082	0.00283	0.00306	159.2665	149.0821	146.7059	74.00434
527.4	0.00275	0.00199	0.00253	0.00162	159.4711	148.9779	146.9155	74.19154
527.9	0.00252	0.00177	0.00161	0.00282	159.8707	149.2154	147.0073	74.18967
528.4	0.00312	0.00167	0.00195	0.00202	159.8469	149.1974	146.9941	74.2206
528.9	0.00334	0.00038	0.00183	0.00182	160.051	149.4224	147.1555	74.29491
529.4	0.00240	0.00079	0.00151	0.00201	160.3365	149.4784	147.2866	74.48213
529.9	0.00257	0.00153	0.00213	0.00318	160.4773	149.5525	147.2819	74.46983
530.4	0.00338	0.00041	0.00182	0.00200	160.7249	149.5861	147.3878	74.44333
530.9	0.00147	0.00104	0.00059	0.00120	160.8108	149.6221	147.3436	74.42509
531.4	0.00098	0.00017	0.00075	0.00097	160.8195	149.4285	147.527	74.4543
531.9	0.00203	0.00026	0.00043	0.00140	161.1049	149.6468	147.6659	74.54787
532.4	0.00249	0.00064	0.00147	0.00227	161.3284	149.6459	147.7403	74.69582
532.9	0.00248	0.00145	0.00195	0.00332	161.4833	149.7317	148.0484	74.89527
533.4	0.00211	0.00252	0.00171	0.00212	161.8741	150.2095	148.276	74.92358
533.9	0.00278	0.00185	0.00265	0.00411	162.157	150.4531	148.4029	75.20155
534.4	0.00411	0.00308	0.00276	0.00320	162.5989	150.7286	148.6914	75.27221
534.9	0.00269	0.00256	0.00199	0.00272	162.8871	150.7316	148.8447	75.35468
535.4	0.00243	0.00354	0.00217	0.00262	162.9055	151.0188	148.9386	75.44992
535.9	0.00274	0.00330	0.00217	0.00362	163.116	151.3714	149.1944	75.65599
536.4	0.00230	0.00312	0.00139	0.00211	163.5035	151.4472	149.3249	75.66172
536.9	0.00268	0.00333	0.00179	0.00134	163.4342	151.8566	149.3333	75.68665
537.4	0.00262	0.00343	0.00162	0.00103	163.5588	151.9972	149.5344	75.73615
537.9	0.00207	0.00224	0.00248	0.00110	163.8929	152.1867	149.6351	75.81736
538.4	0.00249	0.00317	0.00270	0.00146	164.1095	152.4169	149.9338	75.92687

538.9	0.00225	0.00250	0.00216	0.00195	164.2055	152.6841	150.1212	76.06344
539.4	0.00151	0.00203	0.00271	0.00248	164.1723	152.9801	150.189	76.00522
539.9	0.00204	0.00333	0.00265	0.00121	164.3288	152.9935	150.4413	76.18734
540.4	0.00181	0.00315	0.00187	0.00244	164.6759	153.343	150.5716	76.17409
540.9	0.00233	0.00299	0.00223	0.00159	164.5734	153.411	150.5805	76.18413
541.4	0.00242	0.00158	0.00206	0.00129	164.6422	153.6657	150.7141	76.20937
541.9	0.00089	0.00135	0.00120	0.00086	164.6617	153.6237	150.7008	76.28691
542.4	0.00022	0.00121	0.00105	0.00117	164.5166	153.5772	150.5333	76.15297
542.9	0.00095	-3.50E-05	0.00067	-9.18E-05	164.6425	153.6302	150.6184	76.07824
543.4	-0.00019	0.00124	0.00018	-0.00016	164.7763	153.8357	150.6986	76.08842
543.9	0.00031	0.00127	0.00124	0.00052	164.8856	153.8548	151.0522	76.16843
544.4	0.00203	0.00199	0.00156	0.00159	165.2733	154.2914	151.3579	76.31129
544.9	0.00293	0.00277	0.00299	0.00286	165.6189	154.525	151.6195	76.52043
545.4	0.00329	0.00390	0.00384	0.00428	165.8867	154.8334	152.1175	76.78249
545.9	0.00292	0.00488	0.00363	0.00315	166.3115	155.4484	152.4695	76.83986
546.4	0.00329	0.00378	0.00434	0.00492	166.5988	155.7721	152.6999	77.14376
546.9	0.00444	0.00459	0.00434	0.00399	167.0695	156.1142	153.1134	77.25254
547.4	0.00307	0.00378	0.00362	0.00364	167.409	156.17	153.4063	77.38728
547.9	0.00295	0.00455	0.00390	0.00376	167.5097	156.5219	153.6616	77.5522
548.4	0.00345	0.00419	0.00404	0.00500	167.8262	156.9412	154.0911	77.83938
548.9	0.00328	0.00401	0.00345	0.00381	168.3601	157.1001	154.4176	77.94039
549.4	0.00397	0.00430	0.00405	0.00338	168.4646	157.6212	154.6416	78.07581
549.9	0.00421	0.00451	0.00407	0.00337	168.7727	157.87	155.06	78.2383
550.4	0.00383	0.00338	0.00497	0.00360	169.2708	158.1454	155.349	78.42128
550.9	0.00424	0.00421	0.00509	0.00392	169.6326	158.4465	155.8188	78.62413
551.4	0.00388	0.00339	0.00437	0.00427	169.8586	158.7745	156.1583	78.84734
551.9	0.00311	0.00285	0.00477	0.00471	169.9432	159.1246	156.3625	78.86649
552.4	0.00353	0.00402	0.00454	0.00333	170.213	159.1821	156.7443	79.12593
552.9	0.00320	0.00376	0.00361	0.00441	170.6739	159.5829	156.9959	79.18401
553.4	0.00365	0.00356	0.00386	0.00350	170.6639	159.6877	157.1091	79.25879
553.9	0.00363	0.00210	0.00355	0.00308	170.8387	159.9954	157.3564	79.35303
554.4	0.00218	0.00196	0.00272	0.00268	170.9957	160.0328	157.4799	79.51469
554.9	0.00167	0.00201	0.00267	0.00311	170.983	160.0671	157.4423	79.4585
555.4	0.00240	0.00084	0.00229	0.00186	171.2291	160.1903	157.6479	79.45339
555.9	0.00113	0.00197	0.00165	0.00160	171.4324	160.426	157.8057	79.51005
556.4	0.00137	0.00180	0.00246	0.00201	171.5829	160.4487	158.2212	79.62399
556.9	0.00278	0.00227	0.00251	0.00274	171.9922	160.8774	158.5663	79.79116
557.4	0.00334	0.00276	0.00361	0.00367	172.3244	161.071	158.8332	80.01304
557.9	0.00339	0.00361	0.00412	0.00478	172.5477	161.317	159.3083	80.27951
558.4	0.00276	0.00434	0.00360	0.00347	172.9327	161.8801	159.6243	80.34219
558.9	0.00288	0.00307	0.00398	0.00504	173.1528	162.1259	159.7819	80.64858
559.4	0.00384	0.00372	0.00370	0.00402	173.55	162.383	160.1083	80.75318
559.9	0.00231	0.00278	0.00272	0.00357	173.8049	162.3413	160.2961	80.88213
560.4	0.00199	0.00335	0.00270	0.00352	173.7872	162.5746	160.4138	81.02932
560.9	0.00232	0.00286	0.00258	0.00461	173.9862	162.8729	160.7025	81.30064
561.4	0.00200	0.00253	0.00180	0.00333	174.3978	162.8967	160.8756	81.37791
561.9	0.00255	0.00269	0.00222	0.00281	174.3726	163.2879	160.9425	81.49035
562.4	0.00277	0.00287	0.00218	0.00279	174.564	163.4085	161.2149	81.63435
562.9	0.00241	0.00175	0.00303	0.00301	174.9619	163.5663	161.3665	81.8047

563.4	0.00284	0.00258	0.00317	0.00335	175.2211	163.7482	161.702	81.99424
563.9	0.00256	0.00182	0.00252	0.00375	175.3439	163.9568	161.9062	82.2041
564.4	0.00182	0.00130	0.00293	0.00418	175.3368	164.1985	161.9849	82.21072
564.9	0.00231	0.00249	0.00278	0.00288	175.5277	164.1504	162.2537	82.46587
565.4	0.00209	0.00232	0.00197	0.00401	175.912	164.4487	162.39	82.51372
565.9	0.00259	0.00216	0.00227	0.00314	175.8339	164.4594	162.4002	82.58447
566.4	0.00266	0.00079	0.00205	0.00278	175.9702	164.6998	162.5717	82.68631
566.9	0.00163	0.00103	0.00163	0.00275	176.1869	164.7543	162.7057	82.9016
567.4	0.00167	0.00159	0.00212	0.00368	176.2712	164.8411	162.7126	82.91209
567.9	0.00267	0.00070	0.00203	0.00271	176.5597	164.9646	162.9155	82.94748
568.4	0.00131	0.00170	0.00130	0.00234	176.7165	165.1214	162.9918	83.00613
568.9	0.00110	0.00109	0.00167	0.00229	176.7518	164.9998	163.2703	83.0931
569.4	0.00195	0.00102	0.00122	0.00249	176.9944	165.2391	163.4283	83.20675
569.9	0.00202	0.00103	0.00184	0.00288	177.112	165.1971	163.466	83.34736
570.4	0.00154	0.00134	0.00184	0.00334	177.1083	165.1984	163.7063	83.51685
570.9	0.00071	0.00186	0.00115	0.00167	177.2636	165.5174	163.7829	83.46194
571.4	0.00038	0.00018	0.00111	0.00253	177.1448	165.42	163.6059	83.59192
571.9	0.00068	0.00021	0.00023	0.00063	177.1745	165.3099	163.5762	83.49304
572.4	-0.00106	-0.00091	-0.00092	-0.00025	177.1659	165.0018	163.5083	83.46476
572.9	-0.00085	0.00024	-0.00036	9.00E-05	177.0514	165.1348	163.5316	83.53465
573.4	0.00036	0.00069	0.00048	0.00196	177.2722	165.4481	163.8425	83.78652
573.9	0.00101	0.00138	0.00072	0.00161	177.7968	165.5651	164.1169	83.88084
574.4	0.00256	0.00253	0.00213	0.00201	177.9716	166.1208	164.3503	84.04543
574.9	0.00379	0.00362	0.00299	0.00285	178.4432	166.4498	164.8327	84.26609
575.4	0.00413	0.00302	0.00432	0.00356	179.1158	166.7799	165.1495	84.49464
575.9	0.00508	0.00411	0.00467	0.00416	179.671	167.1323	165.6406	84.74221
576.4	0.00518	0.00352	0.0041	0.00470	180.1042	167.5133	165.9903	85.01165
576.9	0.00472	0.00309	0.00450	0.00521	180.4027	167.9197	166.1964	85.07053
577.4	0.00542	0.00436	0.00435	0.00402	180.9143	168.0438	166.599	85.38844
577.9	0.00536	0.00428	0.00355	0.00524	181.6444	168.5415	166.885	85.50803
578.4	0.00600	0.00425	0.00391	0.00452	181.9015	168.7511	167.0425	85.65291
578.9	0.00618	0.00302	0.00375	0.00429	182.3804	169.2034	167.3711	85.83532
579.4	0.00525	0.00338	0.00342	0.00441	182.9571	169.4894	167.6821	86.14538
579.9	0.00538	0.00408	0.00401	0.00548	183.3966	169.8139	167.8689	86.25018
580.4	0.00641	0.00332	0.00402	0.00467	184.0331	170.1727	168.2518	86.37935
580.9	0.00497	0.00429	0.00327	0.00430	184.518	170.5571	168.4985	86.52838
581.4	0.00464	0.00365	0.00360	0.00423	184.8487	170.6384	168.9315	86.69617
581.9	0.00532	0.00351	0.00308	0.00436	185.3639	171.0681	169.2249	86.88214
582.4	0.00514	0.00335	0.00354	0.00458	185.7331	171.2009	169.3864	87.09068
582.9	0.00444	0.00352	0.00340	0.00490	185.9516	171.3593	169.7373	87.31961
583.4	0.00343	0.00390	0.00261	0.00314	186.3616	171.8718	169.9528	87.3358
583.9	0.00339	0.00260	0.00292	0.00435	186.634	172.0935	170.0427	87.6119
584.4	0.00425	0.00324	0.00269	0.00315	187.096	172.339	170.3203	87.67361
584.9	0.00279	0.00242	0.00185	0.00258	187.4119	172.2847	170.464	87.75726
585.4	0.00251	0.00308	0.00195	0.00245	187.4626	172.5368	170.559	87.86658
585.9	0.00285	0.00269	0.00196	0.00344	187.7294	172.8542	170.8293	88.10069
586.4	0.00253	0.00244	0.00127	0.00215	188.1944	172.8746	170.9667	88.1231
586.9	0.00294	0.00255	0.00164	0.00151	188.1836	173.2594	170.9806	88.17354
587.4	0.00296	0.00261	0.00149	0.00131	188.3689	173.3447	171.1861	88.24562

587.9	0.00245	0.00144	0.00224	0.00140	188.7632	173.4684	171.2669	88.3452
588.4	0.00278	0.00221	0.00235	0.00167	189.035	173.6405	171.5601	88.47776
588.9	0.00249	0.00152	0.00176	0.00210	189.1682	173.8472	171.7246	88.63589
589.4	0.00182	0.00110	0.00225	0.00261	189.1713	174.0958	171.7675	88.58823
589.9	0.00235	0.00237	0.00221	0.00148	189.4006	174.0675	172.0272	88.81123
590.4	0.00222	0.00232	0.00154	0.00272	189.8407	174.4077	172.162	88.82661
590.9	0.00279	0.00230	0.00196	0.00204	189.7993	174.4534	172.1686	88.86816
591.4	0.00290	0.00104	0.00182	0.00179	189.9819	174.7388	172.3446	88.94518
591.9	0.00192	0.00132	0.00146	0.00185	190.2452	174.8326	172.4821	89.14117
592.4	0.00200	0.00192	0.00200	0.00284	190.367	174.9577	172.4871	89.12537
592.9	0.00295	0.00108	0.00193	0.00196	190.7032	175.1239	172.6976	89.13879
593.4	0.00159	0.00202	0.00120	0.00161	190.8915	175.3158	172.77	89.17328
593.9	0.00138	0.00143	0.00158	0.00161	190.9482	175.217	173.0471	89.23662
594.4	0.00215	0.00134	0.00111	0.00180	191.2156	175.4867	173.1976	89.32738
594.9	0.00213	0.00126	0.00164	0.00213	191.3421	175.4573	173.2158	89.44264
595.4	0.00163	0.00155	0.00163	0.00260	191.3395	175.4705	173.4413	89.5881
595.9	0.00080	0.00203	0.00094	0.00099	191.5494	175.8536	173.5409	89.52502
596.4	0.00091	0.00082	0.00133	0.00229	191.6191	175.9382	173.509	89.72356
596.9	0.00194	0.00159	0.00123	0.00125	191.9115	176.0703	173.6891	89.71812
597.4	0.00071	0.00093	0.00054	0.00086	192.0963	175.9325	173.7659	89.75291
597.9	0.00071	0.00181	0.00086	0.00099	192.0291	176.116	173.8043	89.82032
598.4	0.00130	0.00163	0.00107	0.00220	192.1956	176.3761	174.0297	90.02
598.9	0.00115	0.00151	0.00050	0.00106	192.577	176.3465	174.1305	90.01157
599.4	0.00170	0.00173	0.00098	0.00056	192.4603	176.6681	174.0899	90.02299
599.9	0.00170	0.00174	0.00077	0.00031	192.5003	176.6481	174.2036	90.03601
600.4	0.00099	0.00035	0.00128	0.00017	192.7357	176.6508	174.1755	90.06878
600.9	0.00124	0.00102	0.00129	0.00036	192.8606	176.7129	174.3714	90.14057
601.4	0.00110	0.00045	0.00081	0.00091	192.912	176.8678	174.494	90.26914
601.9	0.00064	0.00022	0.00147	0.00161	192.8541	177.0844	174.5128	90.20057
602.4	0.00140	0.00170	0.00164	0.00072	193.0437	177.0389	174.7665	90.41434
602.9	0.00153	0.00190	0.00123	0.00222	193.4801	177.3951	174.9234	90.43469
603.4	0.00235	0.00211	0.00188	0.00179	193.4638	177.4831	174.9791	90.49669
603.9	0.00270	0.00109	0.00196	0.00179	193.6493	177.7895	175.1824	90.58218
604.4	0.00178	0.00139	0.00163	0.00188	193.9026	177.8872	175.3314	90.77964
604.9	0.00181	0.00192	0.00208	0.00278	194.0073	178.007	175.3373	90.75845
605.4	0.00271	0.00100	0.00193	0.00183	194.3043	178.1416	175.5239	90.75275
605.9	0.00131	0.00184	0.00111	0.00139	194.4591	178.3025	175.5714	90.76901
606.4	0.00103	0.00114	0.00137	0.00127	194.4825	178.1659	175.8208	90.81255
606.9	0.00183	0.00102	0.00087	0.00144	194.7339	178.4089	175.9501	90.88864
607.4	0.00195	0.00103	0.00147	0.00187	194.879	178.3774	175.9723	91.0045
607.9	0.00158	0.00138	0.00153	0.00240	194.9038	178.3932	176.2073	91.15393
608.4	0.00089	0.00193	0.00092	0.00091	195.1551	178.7893	176.3221	91.09762
608.9	0.00116	0.00084	0.00141	0.00232	195.2736	178.8889	176.3083	91.30846
609.4	0.00222	0.00160	0.00130	0.00131	195.6057	179.0243	176.4959	91.30791
609.9	0.00097	0.00088	0.00055	0.00088	195.793	178.8535	176.5454	91.33065
610.4	0.00088	0.00164	0.00075	0.00091	195.7242	179.0037	176.5528	91.38548
610.9	0.00136	0.00135	0.00082	0.00199	195.885	179.2245	176.7418	91.57084
611.4	0.00114	0.00114	0.00017	0.00079	196.2545	179.1457	176.7971	91.54268
611.9	0.00167	0.00133	0.00061	0.00027	196.1479	179.4441	176.7323	91.54735

612.4	0.00179	0.00145	0.00051	0.00015	196.2374	179.4321	176.8558	91.57185
612.9	0.00123	0.00020	0.00115	0.00016	196.4951	179.4179	176.811	91.6031
613.4	0.00145	0.00084	0.00111	0.00032	196.6275	179.4516	176.9784	91.66772
613.9	0.00119	0.00016	0.00051	0.00075	196.6791	179.5728	177.0616	91.78654
614.4	0.00074	-6.51E-05	0.00114	0.00147	196.6293	179.7634	177.0418	91.71056
614.9	0.00149	0.00139	0.00126	0.00058	196.8375	179.6956	177.2609	91.92276
615.4	0.00163	0.00159	0.00081	0.00207	197.3001	180.036	177.3862	91.94224
615.9	0.00250	0.00185	0.00150	0.00171	197.304	180.1044	177.412	92.00333
616.4	0.00294	0.00092	0.00169	0.00180	197.547	180.425	177.6262	92.1056
616.9	0.00207	0.00128	0.00146	0.00195	197.8402	180.5223	177.7847	92.31391
617.4	0.00211	0.00182	0.00202	0.00288	197.965	180.6312	177.8022	92.29558
617.9	0.00298	0.00093	0.00201	0.00195	198.2889	180.7663	178.0254	92.29786
618.4	0.00154	0.00177	0.00130	0.00150	198.4658	180.9338	178.1244	92.32357
618.9	0.00123	0.00112	0.00170	0.00140	198.4899	180.7931	178.4261	92.37019
619.4	0.00193	0.00099	0.00131	0.00154	198.7244	181.0266	178.6036	92.44282
619.9	0.00186	0.00092	0.00190	0.00183	198.832	180.9752	178.668	92.54856
620.4	0.00136	0.00122	0.00197	0.00227	198.8041	180.9675	178.9439	92.68348
620.9	0.00058	0.00176	0.00139	0.00073	199.0059	181.351	179.1067	92.61288
621.4	0.00074	0.00067	0.00188	0.00207	199.083	181.4507	179.1531	92.81722
621.9	0.00183	0.00153	0.00189	0.00114	199.39	181.6044	179.4183	92.8159
622.4	0.00068	0.00097	0.00130	0.00082	199.5735	181.4742	179.5662	92.84939
622.9	0.00064	0.00184	0.00159	0.00092	199.4982	181.6709	179.6725	92.91553
623.4	0.00110	0.00158	0.00168	0.00199	199.5985	181.8922	179.9133	93.08739
623.9	0.00068	0.00122	0.00086	0.00062	199.8769	181.7846	179.9899	93.02886
624.4	0.00101	0.00125	0.00111	-8.99E-05	199.6844	182.0667	179.9522	93.00784
624.9	0.00117	0.00144	0.00105	-0.00016	199.763	182.1009	180.1664	93.04091
625.4	0.00099	0.00057	0.00203	0.00022	200.1078	182.2165	180.2923	93.12567
625.9	0.00164	0.00163	0.00240	0.00082	200.353	182.4024	180.6555	93.25665
626.4	0.00168	0.00123	0.00208	0.00154	200.4816	182.6439	180.9055	93.42599
626.9	0.00133	0.00109	0.00281	0.00235	200.5089	182.9555	181.0553	93.39927
627.4	0.00203	0.00249	0.00289	0.00142	200.7306	182.9488	181.3902	93.63219
627.9	0.00185	0.00238	0.00215	0.00258	201.1245	183.2816	181.5536	93.63054
628.4	0.00229	0.00224	0.00240	0.00179	201.0104	183.304	181.5694	93.64899
628.9	0.00225	0.00089	0.00208	0.00139	201.1104	183.5609	181.7393	93.69487
629.4	0.00117	0.00105	0.00155	0.00130	201.2807	183.6133	181.8525	93.85518
629.9	0.00114	0.00156	0.00190	0.00212	201.3156	183.71	181.8326	93.80112
630.4	0.00203	0.00073	0.00174	0.00120	201.567	183.8477	182.0142	93.77329
630.9	0.00069	0.00165	0.00094	0.00079	201.6723	184.0188	182.0534	93.76806
631.4	0.00049	0.00111	0.00125	0.00077	201.6591	183.9081	182.3121	93.79844
631.9	0.00137	0.00115	0.00086	0.00105	201.9002	184.2086	182.4688	93.87281
632.4	0.00156	0.00130	0.00152	0.00155	202.0293	184.2319	182.514	93.98614
632.9	0.00130	0.00181	0.00168	0.00220	202.0457	184.3158	182.7852	94.13834
633.4	0.00068	0.00246	0.00114	0.00078	202.293	184.7893	182.9351	94.08158
633.9	0.00094	0.00143	0.00163	0.00218	202.3799	184.9414	182.9325	94.28445
634.4	0.00185	0.00207	0.00139	0.00104	202.6246	185.0778	183.0832	94.24438
634.9	0.00037	0.00114	0.00042	0.00037	202.7239	184.9049	183.0951	94.22861
635.4	0.00021	0.00183	0.00055	0.00031	202.5927	185.0848	183.0905	94.25863
635.9	0.00084	0.00171	0.00078	0.00153	202.7561	185.3898	183.3237	94.44818
636.4	0.00088	0.00175	0.00038	0.00058	203.1764	185.4281	183.4589	94.43967

636.9	0.00169	0.00221	0.00109	0.00034	203.1397	185.8729	183.4948	94.47556
637.4	0.00212	0.00262	0.00128	0.00050	203.3455	186.0379	183.7588	94.55075
637.9	0.00197	0.00176	0.00228	0.00089	203.7811	186.2503	183.901	94.6604
638.4	0.00243	0.00261	0.00248	0.00130	204.0369	186.463	184.2146	94.78125
638.9	0.00212	0.00187	0.00184	0.00168	204.1246	186.6865	184.3712	94.92015
639.4	0.00132	0.00127	0.00213	0.00205	204.0518	186.9281	184.3781	94.83811
639.9	0.00165	0.00230	0.00189	0.00083	204.1785	186.8483	184.5777	95.02373
640.4	0.00135	0.00204	0.00105	0.00191	204.5154	187.1398	184.64	94.9946
640.9	0.00173	0.00182	0.00129	0.00116	204.3498	187.1212	184.5673	94.99496
641.4	0.00175	0.00049	0.00107	0.00091	204.4086	187.3409	184.6632	95.03139
641.9	0.00076	0.00068	0.00067	0.00098	204.5645	187.3714	184.7314	95.19964
642.4	0.00083	0.00123	0.00118	0.00199	204.5973	187.4531	184.6838	95.16208
642.9	0.00187	0.00051	0.00124	0.00132	204.8831	187.6024	184.8763	95.17055
643.4	0.00081	0.00163	0.00077	0.00126	205.0684	187.8231	184.9723	95.22651
643.9	0.00083	0.00126	0.00135	0.00152	205.1284	187.7508	185.2904	95.31815
644.4	0.00177	0.00133	0.00110	0.00194	205.4052	188.0566	185.4763	95.43764
644.9	0.00189	0.00138	0.00176	0.00242	205.5445	188.0583	185.5328	95.58653
645.4	0.00145	0.00167	0.00179	0.00291	205.5386	188.0921	185.7938	95.76109
645.9	0.00068	0.00214	0.00115	0.00139	205.7422	188.4978	185.915	95.71464
646.4	0.00079	0.00096	0.00152	0.00264	205.8055	188.597	185.9037	95.94041
646.9	0.00174	0.00163	0.00138	0.00159	206.0852	188.7312	186.099	95.94792
647.4	0.00047	0.00090	0.00063	0.00113	206.1994	188.5365	186.1396	95.971
647.9	6.37E-05	0.00134	0.00055	0.00083	205.9244	188.5588	186.0276	95.96705
648.4	-0.00011	0.00043	1.61E-05	0.00124	205.8141	188.5904	186.0421	96.06341
648.9	-0.00069	-0.00012	-0.00094	-0.00029	205.984	188.3739	185.9837	95.9742
649.4	-1.91E-05	0.00022	-0.00031	-0.00062	205.7856	188.651	185.9161	95.97852
649.9	0.00052	0.00075	6.23E-05	-0.00027	205.8829	188.6934	186.1311	96.05006
650.4	0.00074	0.00028	0.00148	0.00055	206.3083	188.869	186.3091	96.20029
650.9	0.00190	0.00180	0.00239	0.00166	206.7248	189.1962	186.8037	96.43603
651.4	0.00260	0.00203	0.00270	0.00298	207.1256	189.6689	187.2612	96.7507
651.9	0.00284	0.00244	0.00391	0.00424	207.3867	190.1773	187.5665	96.83704
652.4	0.00379	0.00403	0.00412	0.00343	207.8496	190.3602	188.0409	97.17573
652.9	0.00382	0.00409	0.00343	0.00456	208.5159	190.9099	188.3433	97.27515
653.4	0.00445	0.00411	0.00369	0.00377	208.6718	191.1453	188.4844	97.38753
653.9	0.00459	0.00292	0.00338	0.00334	209.058	191.6281	188.7812	97.52563
654.4	0.00369	0.00321	0.00286	0.00323	209.5433	191.9246	189.0368	97.78803
654.9	0.00382	0.00384	0.00326	0.00405	209.888	192.2631	189.1508	97.82708
655.4	0.00480	0.00310	0.00312	0.00314	210.4612	192.65	189.4758	97.89458
655.9	0.00358	0.00409	0.00238	0.00277	210.8999	193.085	189.6698	97.99147
656.4	0.00343	0.00361	0.00272	0.00274	211.1984	193.2156	190.0742	98.11629
656.9	0.00426	0.00362	0.00230	0.00295	211.7274	193.7431	190.3525	98.27332
657.4	0.00427	0.00361	0.00281	0.00326	212.1041	193.9549	190.4888	98.45418
657.9	0.00366	0.00376	0.00264	0.00354	212.2284	194.1092	190.7426	98.61308
658.4	0.00231	0.00370	0.00145	0.00145	212.4698	194.5591	190.7741	98.50437
658.9	0.00192	0.00208	0.00134	0.00218	212.5881	194.7183	190.6915	98.68092
659.4	0.00281	0.00274	0.00117	0.00110	213.0315	195.0105	190.9136	98.68394
659.9	0.00193	0.00242	0.00083	0.00101	213.4491	195.0998	191.1083	98.76884
660.4	0.00237	0.00370	0.00160	0.00155	213.69	195.6102	191.3456	98.93066
660.9	0.00351	0.00414	0.00241	0.00331	214.2643	196.2808	191.8586	99.27515

661.4	0.00408	0.00473	0.00259	0.00298	215.1647	196.7333	192.3283	99.45218
661.9	0.00521	0.00553	0.00366	0.00317	215.5325	197.5473	192.6433	99.6539
662.4	0.00553	0.00584	0.00380	0.00337	216.0617	197.9897	193.1139	99.86331
662.9	0.00511	0.00472	0.00451	0.00361	216.7846	198.4342	193.4173	100.094
663.4	0.00527	0.00521	0.00442	0.00384	217.3191	198.8669	193.8879	100.338
663.9	0.00483	0.00429	0.00362	0.00415	217.679	199.3004	194.1899	100.6005
664.4	0.00397	0.00357	0.00378	0.00449	217.881	199.7504	194.3381	100.6375
664.9	0.00421	0.00439	0.00341	0.00323	218.2821	199.8539	194.6718	100.9441
665.4	0.00386	0.00401	0.00249	0.00421	218.9016	200.335	194.8594	101.0264
665.9	0.00426	0.00375	0.00270	0.00348	219.0246	200.5098	194.9228	101.1463
666.4	0.00432	0.00244	0.00247	0.00323	219.3974	200.9422	195.1705	101.3082
666.9	0.00345	0.00266	0.00212	0.00334	219.8783	201.1815	195.3923	101.6066
667.4	0.00362	0.00324	0.00267	0.00436	220.24	201.4783	195.4992	101.6937
667.9	0.00463	0.00250	0.00270	0.00366	220.8003	201.7863	195.7963	101.7966
668.4	0.00316	0.00313	0.00179	0.00312	221.0967	202.0252	195.8568	101.8733
668.9	0.00254	0.00212	0.00172	0.00270	221.2139	201.9177	196.1052	101.9638
669.4	0.00305	0.00181	0.00110	0.00268	221.6216	202.2663	196.2798	102.1158
669.9	0.00323	0.00195	0.00183	0.00323	221.971	202.383	196.4021	102.341
670.4	0.00314	0.00260	0.00223	0.00407	222.2578	202.6167	196.8163	102.6359
670.9	0.00283	0.00352	0.00208	0.00307	222.8461	203.3101	197.1589	102.7402
671.4	0.00351	0.00294	0.00302	0.00485	223.3666	203.7472	197.4259	103.1586
671.9	0.00507	0.00419	0.00349	0.00445	224.1731	204.2609	197.9462	103.3718
672.4	0.00417	0.00372	0.00301	0.00424	224.7808	204.3905	198.269	103.5794
672.9	0.00415	0.00439	0.00319	0.00420	225.0705	204.8049	198.4935	103.7896
673.4	0.00453	0.00391	0.00310	0.00499	225.592	205.2651	198.8836	104.1221
673.9	0.00422	0.00348	0.00227	0.00360	226.3153	205.3721	199.1014	104.2083
674.4	0.00458	0.00340	0.00244	0.00282	226.5017	205.852	199.1616	104.3114
674.9	0.00456	0.00329	0.00213	0.00245	226.9089	206.0038	199.4251	104.4358
675.4	0.00402	0.00204	0.00265	0.00234	227.5308	206.1812	199.5362	104.5803
675.9	0.00428	0.00264	0.00263	0.00246	228.0209	206.4136	199.8757	104.7601
676.4	0.00411	0.00205	0.00210	0.00287	228.4145	206.7342	200.1219	104.9926
676.9	0.00359	0.00174	0.00261	0.00339	228.6678	207.1063	200.2395	105.0025
677.4	0.00414	0.00299	0.00262	0.00240	229.1441	207.158	200.5709	105.2959
677.9	0.00400	0.00293	0.00197	0.00351	229.846	207.611	200.7643	105.3616
678.4	0.00444	0.00287	0.0023	0.00281	230.0024	207.7343	200.8092	105.4502
678.9	0.00448	0.00170	0.00214	0.00255	230.3895	208.1107	201.0273	105.572
679.4	0.00351	0.00192	0.00175	0.00255	230.8619	208.2801	201.2044	105.8237
679.9	0.00347	0.00241	0.00217	0.00336	231.1752	208.4864	201.2399	105.8452
680.4	0.00428	0.00164	0.00210	0.00255	231.7044	208.7246	201.4842	105.8911
680.9	0.00300	0.00251	0.00141	0.00221	232.0822	209.006	201.5933	105.9673
681.4	0.00269	0.00191	0.00169	0.00213	232.2912	208.954	201.908	106.0661
681.9	0.00335	0.00182	0.00126	0.00230	232.7139	209.2923	202.0743	106.1881
682.4	0.00310	0.00159	0.00158	0.00242	232.8917	209.2302	202.0271	106.2981
682.9	0.00216	0.00141	0.00112	0.00238	232.8566	209.157	202.1437	106.4105
683.4	0.00111	0.00161	0.00021	0.00065	233.1016	209.5312	202.1555	106.3181
683.9	0.00134	0.00066	0.00067	0.00200	233.319	209.6932	202.1243	106.5695
684.4	0.00260	0.00172	0.00086	0.00141	233.8399	209.9603	202.3705	106.6255
684.9	0.00189	0.00154	0.00061	0.00147	234.2919	209.9781	202.5541	106.748
685.4	0.00234	0.00281	0.00138	0.00205	234.5533	210.4254	202.7849	106.9463

685.9	0.00337	0.00316	0.00216	0.00367	235.1378	211.0152	203.2954	107.3195
686.4	0.00368	0.00350	0.00222	0.00309	235.9216	211.2567	203.6701	107.4497
686.9	0.00427	0.00382	0.00297	0.00275	236.1313	211.8643	203.9046	107.5937
687.4	0.00430	0.00388	0.00306	0.00260	236.529	212.1133	204.3471	107.7499
687.9	0.00381	0.00278	0.00393	0.00267	237.156	212.4001	204.6684	107.9375
688.4	0.00410	0.00347	0.00421	0.00296	237.6546	212.7485	205.2431	108.169
688.9	0.00385	0.00285	0.00384	0.00340	237.9878	213.1267	205.6782	108.4277
689.4	0.00319	0.00242	0.00436	0.00387	238.164	213.5427	205.9766	108.4572
689.9	0.00357	0.00348	0.00433	0.00281	238.5579	213.6214	206.4846	108.7726
690.4	0.00328	0.00327	0.00361	0.00381	239.1611	214.0858	206.8336	108.8486
690.9	0.00361	0.00309	0.00387	0.00307	239.2082	214.2113	207.0275	108.9487
691.4	0.00361	0.00186	0.00366	0.00279	239.5096	214.6063	207.407	109.0913
691.9	0.00262	0.00201	0.00321	0.00276	239.8827	214.7737	207.7251	109.3586
692.4	0.00258	0.00246	0.00359	0.00359	240.0929	214.9737	207.8907	109.3908
692.9	0.00338	0.00167	0.00346	0.00278	240.5477	215.2238	208.2807	109.4579
693.4	0.00212	0.00247	0.00270	0.00243	240.8342	215.5017	208.5131	109.5481
693.9	0.00189	0.00192	0.00297	0.00241	240.9661	215.4526	208.9604	109.6676
694.4	0.00254	0.00181	0.00248	0.00256	241.3337	215.8119	209.2633	109.8172
694.9	0.00251	0.00175	0.00292	0.00286	241.5595	215.855	209.4307	110.0017
695.4	0.00211	0.00205	0.00290	0.00332	241.6417	215.947	209.8229	110.2201
695.9	0.00140	0.00252	0.00227	0.00191	241.9653	216.4526	210.0753	110.2084
696.4	0.00142	0.00136	0.00251	0.00300	242.0457	216.5534	210.1077	110.4476
696.9	0.00189	0.00162	0.00195	0.00162	242.2227	216.5683	210.2415	110.3904
697.4	0.00017	0.00037	0.00068	0.00064	242.2502	216.234	210.2337	110.3642
697.9	-4.46E-05	0.00082	0.00074	0.00054	242.1254	216.3349	210.2898	110.433
698.4	0.00081	0.00080	0.00121	0.00195	242.3887	216.6116	210.6534	110.7055
698.9	0.00121	0.00107	0.00117	0.00145	243.0226	216.6904	210.9852	110.806
699.4	0.00244	0.00199	0.00228	0.00172	243.2396	217.3158	211.2779	110.9938
699.9	0.00344	0.00312	0.00304	0.00251	243.8269	217.7857	211.9018	111.2724
700.4	0.00400	0.00333	0.00463	0.00358	244.7424	218.4453	212.4574	111.6221
700.9	0.00484	0.00498	0.00520	0.00436	245.4237	219.1553	213.1656	111.9642
701.4	0.00476	0.00504	0.00478	0.00488	245.8951	219.9235	213.6828	112.3096
701.9	0.00409	0.00509	0.00510	0.00522	246.1774	220.7467	214.0264	112.402
702.4	0.00438	0.00647	0.00485	0.00401	246.6546	221.2271	214.5556	112.7671
702.9	0.00404	0.00652	0.00399	0.00483	247.3622	222.1245	214.9339	112.89
703.4	0.00440	0.00658	0.00420	0.00403	247.5404	222.7081	215.1834	113.0478
703.9	0.00446	0.00555	0.00402	0.00372	247.9835	223.5649	215.6281	113.2461
704.4	0.00363	0.00588	0.00370	0.00375	248.5317	224.2057	216.0387	113.5813
704.9	0.00370	0.00639	0.00415	0.00455	248.9234	224.8734	216.304	113.6765
705.4	0.00452	0.00558	0.00407	0.00371	249.528	225.5444	216.771	113.787
705.9	0.00329	0.00628	0.00335	0.00330	249.9624	226.2283	217.0815	113.9184
706.4	0.00303	0.00557	0.00360	0.00318	250.2434	226.5637	217.6181	114.0787
706.9	0.00346	0.00513	0.00294	0.00306	250.5974	227.1534	217.8707	114.1916
707.4	0.00279	0.00430	0.00277	0.00267	250.662	227.2741	217.8562	114.2724
707.9	0.00178	0.00385	0.00211	0.00247	250.6288	227.4723	218.0817	114.4084
708.4	0.00105	0.00414	0.00131	0.00102	250.9933	228.2138	218.2585	114.3776
708.9	0.00167	0.00346	0.00195	0.00266	251.3678	228.7504	218.4165	114.7182
709.4	0.00329	0.00468	0.00242	0.00242	252.1361	229.4491	218.9476	114.8895
709.9	0.00305	0.00478	0.00265	0.00288	252.8878	229.9215	219.4984	115.1527

710.4	0.00392	0.00628	0.00399	0.00383	253.4865	230.8735	220.189	115.5136
710.9	0.00518	0.00676	0.00528	0.00562	254.3249	231.8841	221.1522	116.0115
711.4	0.00530	0.00682	0.00557	0.00486	255.335	232.4954	221.9974	116.2397
711.9	0.00578	0.00697	0.00658	0.00442	255.7314	233.478	222.713	116.4739
712.4	0.00570	0.00690	0.00686	0.00415	256.319	234.0836	223.6557	116.7179
712.9	0.00511	0.00572	0.00778	0.00408	257.1159	234.7072	224.4496	116.9799
713.4	0.00521	0.00621	0.00801	0.00416	257.7445	235.3684	225.4756	117.2706
713.9	0.00488	0.00554	0.00762	0.00448	258.2499	236.1074	226.389	117.6104
714.4	0.00427	0.00516	0.00813	0.00492	258.5965	236.8922	227.1531	117.7122
714.9	0.00467	0.00621	0.00809	0.00391	259.1735	237.3246	228.129	118.1122
715.4	0.00445	0.00606	0.00740	0.00491	259.9891	238.1804	228.9431	118.2708
715.9	0.00478	0.00589	0.00757	0.00420	260.2069	238.6606	229.5669	118.4453
716.4	0.00473	0.00467	0.00723	0.00387	260.6637	239.3989	230.3523	118.6514
716.9	0.00376	0.00476	0.00668	0.00380	261.211	239.907	231.0751	118.9942
717.4	0.00366	0.00510	0.00686	0.00451	261.5781	240.4362	231.6175	119.0866
717.9	0.00438	0.00427	0.00659	0.00368	262.1783	240.994	232.3675	119.205
718.4	0.00313	0.00496	0.00574	0.00329	262.6112	241.5839	232.9483	119.3511
718.9	0.00282	0.00430	0.00581	0.00318	262.8632	241.8049	233.7304	119.519
719.4	0.00343	0.00414	0.00524	0.00331	263.3607	242.4531	234.3505	119.7181
719.9	0.00335	0.00398	0.00551	0.00354	263.6481	242.7049	234.7649	119.9256
720.4	0.00240	0.00368	0.00487	0.00342	263.5703	242.809	235.2223	120.0702
720.9	0.00099	0.00336	0.00347	0.00131	263.6838	243.2914	235.4707	119.9396
721.4	0.00078	0.00200	0.00339	0.00205	263.7863	243.5574	235.6863	120.1688
721.9	0.00194	0.00289	0.00347	0.00132	264.3163	244.027	236.2792	120.2283
722.4	0.00155	0.00294	0.00339	0.00154	264.8684	244.3098	236.8652	120.4019
722.9	0.00234	0.00443	0.00431	0.00240	265.2824	245.1105	237.5307	120.6955
723.4	0.00372	0.00512	0.00523	0.00439	266.1191	246.1323	238.5354	121.2291
723.9	0.00465	0.00601	0.00568	0.00465	267.3095	246.8983	239.478	121.5931
724.4	0.00570	0.00672	0.00658	0.00508	267.8613	248.0264	240.2099	121.9872
724.9	0.00598	0.00696	0.00664	0.00551	268.5867	248.7328	241.119	122.4052
725.4	0.00560	0.00595	0.00729	0.00599	269.5396	249.4558	241.8668	122.8643
725.9	0.00589	0.00653	0.00738	0.00654	270.3514	250.2334	242.8785	123.3774
726.4	0.00565	0.00588	0.00690	0.00715	270.9812	251.0291	243.7286	123.9213
726.9	0.00502	0.00540	0.00727	0.00770	271.4244	251.8398	244.4111	124.212
727.4	0.00530	0.00623	0.00709	0.00672	272.0966	252.272	245.3181	124.8053
727.9	0.00499	0.00592	0.00635	0.00764	272.9937	253.1155	246.0523	125.1392
728.4	0.00528	0.00566	0.00653	0.00692	273.2876	253.5741	246.6092	125.4902
728.9	0.00520	0.00439	0.00624	0.00655	273.8394	254.3059	247.357	125.8756
729.4	0.00423	0.00441	0.00577	0.00643	274.4778	254.7915	248.0459	126.3943
729.9	0.00421	0.00478	0.00611	0.00714	274.9511	255.3141	248.5756	126.6591
730.4	0.00492	0.00395	0.00594	0.00626	275.6672	255.8683	249.3338	126.9475
730.9	0.00369	0.00459	0.00519	0.00581	276.1981	256.4423	249.9134	127.2531
731.4	0.00345	0.00401	0.00541	0.00568	276.564	256.6547	250.7276	127.5856
731.9	0.00401	0.00381	0.00489	0.00569	277.1736	257.3002	251.3742	127.9418
732.4	0.00395	0.00367	0.00523	0.00585	277.6077	257.5748	251.8497	128.3204
732.9	0.00346	0.00380	0.00509	0.00608	277.8661	257.8793	252.5504	128.7215
733.4	0.00268	0.00408	0.00437	0.00458	278.3792	258.6285	253.0916	128.8677
733.9	0.00270	0.00299	0.00458	0.00552	278.7142	259.0046	253.4588	129.3195
734.4	0.00351	0.00355	0.00439	0.00454	279.2537	259.3776	254.0186	129.4925

734.9	0.00192	0.00242	0.00320	0.00357	279.4051	259.187	254.2187	129.5906
735.4	0.00105	0.00230	0.00259	0.00277	279.1612	259.3176	254.3007	129.69
735.9	0.00106	0.00176	0.00232	0.00331	279.3239	259.6812	254.7416	130.017
736.4	0.00108	0.00191	0.00207	0.00258	279.9283	259.8788	255.2091	130.1853
736.9	0.00214	0.00276	0.00310	0.00280	280.1342	260.6834	255.678	130.4662
737.4	0.00314	0.00377	0.00390	0.00357	280.8147	261.307	256.5594	130.8655
737.9	0.00390	0.00386	0.00551	0.00466	281.9821	262.1416	257.4452	131.3797
738.4	0.00556	0.00562	0.00670	0.00600	283.1693	263.1279	258.6784	131.9793
738.9	0.00633	0.00570	0.00682	0.00697	284.1781	264.0757	259.6708	132.5688
739.4	0.00634	0.00552	0.00734	0.00752	285.0299	265.0151	260.4505	132.8767
739.9	0.00715	0.00652	0.00723	0.00656	286.1254	265.5353	261.4168	133.4784
740.4	0.00721	0.00628	0.00646	0.00738	287.4916	266.488	262.2019	133.8167
740.9	0.00781	0.00609	0.00660	0.00667	288.2842	267.0727	262.8191	134.1878
741.4	0.00802	0.00497	0.00634	0.00638	289.3489	267.9384	263.6242	134.5969
741.9	0.00729	0.00509	0.00590	0.00635	290.5156	268.5625	264.3712	135.1526
742.4	0.00735	0.00546	0.00616	0.00706	291.5008	269.2181	264.9408	135.4455
742.9	0.00804	0.00464	0.00592	0.00623	292.6947	269.8757	265.7107	135.7502
743.4	0.00684	0.00527	0.00516	0.00583	293.7058	270.5698	266.3077	136.084
743.9	0.00650	0.00464	0.00525	0.00567	294.5247	270.8828	267.1339	136.4435
744.4	0.007	0.00446	0.00473	0.00574	295.5782	271.637	267.7809	136.8281
744.9	0.00683	0.00429	0.00501	0.00590	296.451	272.0214	268.2606	137.2442
745.4	0.00629	0.00443	0.00486	0.00617	297.15	272.4555	268.9903	137.6956
745.9	0.00553	0.00478	0.00424	0.00484	298.1058	273.3522	269.5604	137.8883
746.4	0.00555	0.00381	0.00451	0.00586	298.8786	273.8777	269.9629	138.4053
746.9	0.00622	0.00434	0.00431	0.00493	299.8938	274.4389	270.6028	138.6557
747.4	0.00505	0.00369	0.00360	0.00448	300.7046	274.6083	271.0568	138.9263
747.9	0.00470	0.00411	0.00355	0.00428	301.0438	275.0471	271.3299	139.1683
748.4	0.00434	0.00323	0.00295	0.00447	301.4315	275.3655	271.6267	139.465
748.9	0.00337	0.00232	0.00170	0.00275	302.0654	275.2855	271.7513	139.4944
749.4	0.00353	0.00217	0.00183	0.00210	302.2962	275.8156	271.8919	139.6528
749.9	0.00396	0.00252	0.00210	0.00238	302.9727	276.1289	272.4396	139.9305
750.4	0.00419	0.00213	0.00328	0.00310	304.0771	276.6458	272.9665	140.3191
750.9	0.00533	0.00362	0.00420	0.00422	305.2126	277.4211	273.9235	140.8364
751.4	0.00606	0.00413	0.00465	0.00553	306.364	278.4632	274.8904	141.4757
751.9	0.00655	0.00504	0.00605	0.00697	307.4415	279.7114	275.7952	141.8984
752.4	0.00750	0.00692	0.00658	0.00663	308.6794	280.5777	276.8811	142.6057
752.9	0.00742	0.00734	0.00618	0.00765	310.0942	281.9028	277.7523	143.008
753.4	0.00772	0.00762	0.00649	0.00698	310.8215	282.8459	278.424	143.4106
753.9	0.00757	0.00680	0.00631	0.00656	311.7779	284.0835	279.2865	143.832
754.4	0.00648	0.00704	0.00587	0.00629	312.794	285.0645	280.0851	144.3847
754.9	0.00629	0.00753	0.00620	0.00681	313.6323	286.1052	280.7387	144.6693
755.4	0.00695	0.00698	0.00622	0.00605	314.7703	287.2286	281.6936	145.0017
755.9	0.00583	0.00780	0.00572	0.00571	315.7257	288.3935	282.493	145.3638
756.4	0.00558	0.00734	0.00606	0.00563	316.4707	289.1458	283.5307	145.7433
756.9	0.00609	0.00721	0.00571	0.00568	317.4844	290.3629	284.4135	146.156
757.4	0.00600	0.00708	0.00614	0.00587	318.3083	291.1797	285.1267	146.5958
757.9	0.00550	0.00716	0.00609	0.00610	318.9346	292.0138	286.084	147.0597
758.4	0.00475	0.00739	0.00550	0.00474	319.8314	293.3117	286.8801	147.2543
758.9	0.00472	0.00628	0.00573	0.00563	320.528	294.1966	287.4921	147.7753

759.4	0.00541	0.00670	0.00557	0.00471	321.4912	295.113	288.3591	148.0244
759.9	0.00433	0.00599	0.00493	0.00428	322.2765	295.634	289.0588	148.3067
760.4	0.00416	0.00643	0.00502	0.00420	322.7272	296.554	289.701	148.627
760.9	0.00449	0.00611	0.00507	0.00502	323.4104	297.5001	290.5214	149.0853
761.4	0.00382	0.00539	0.00408	0.00357	324.0451	297.7635	290.8903	149.1252
761.9	0.00310	0.00436	0.00331	0.00203	323.8262	298.2851	290.8879	149.0938
762.4	0.00248	0.00369	0.00251	0.00120	324.0301	298.553	291.2651	149.1587
762.9	0.00237	0.00298	0.00327	0.00148	324.8723	299.1935	291.7817	149.4161
763.4	0.00335	0.00422	0.00397	0.00233	325.7452	300.0643	292.7321	149.7984
763.9	0.00424	0.00472	0.00453	0.00370	326.774	301.2798	293.8102	150.3722
764.4	0.00514	0.00574	0.00625	0.00550	327.9688	302.8495	295.0334	150.8423
764.9	0.00716	0.00823	0.00779	0.00630	329.7809	304.3354	296.8381	151.828
765.4	0.00857	0.00961	0.00881	0.00888	331.8869	306.3111	298.5138	152.5698
765.9	0.00976	0.01027	0.00996	0.00931	333.3126	307.8439	300.007	153.3487
766.4	0.01023	0.00962	0.01035	0.00973	334.9967	309.6478	301.7115	154.1757
766.9	0.00968	0.00993	0.01036	0.01017	336.759	311.1575	303.3532	155.1587
767.4	0.00978	0.01034	0.01090	0.01113	338.3393	312.7034	304.8322	155.8719
767.9	0.01049	0.00963	0.01090	0.01059	340.1927	314.2834	306.5763	156.62
768.4	0.00953	0.01032	0.01045	0.01047	341.9026	315.9394	308.1841	157.4205
768.9	0.00950	0.00995	0.01089	0.01065	343.4865	317.245	310.1089	158.2806
769.4	0.01021	0.00996	0.01067	0.01094	345.3811	319.0677	311.8871	159.1874
769.9	0.01031	0.00998	0.01117	0.01129	347.0773	320.4756	313.4759	160.1196
770.4	0.00994	0.01016	0.01115	0.01161	348.5877	321.9279	315.3292	161.0837
770.9	0.00925	0.01042	0.01054	0.01031	350.34	323.8404	316.9696	161.7441
771.4	0.00921	0.00939	0.01067	0.01111	351.8635	325.3118	318.3924	162.7346
771.9	0.00980	0.00977	0.01039	0.01012	353.6508	326.8131	320.0641	163.4298
772.4	0.00861	0.00900	0.00958	0.00951	355.2183	327.8792	321.5258	164.1416
772.9	0.00831	0.00934	0.00949	0.00926	356.376	329.3231	322.8715	164.864
773.4	0.00842	0.00890	0.00930	0.00980	357.8377	330.8599	324.4554	165.7569
773.9	0.00804	0.00854	0.00858	0.00865	359.5382	331.9503	325.8163	166.3399
774.4	0.00819	0.00845	0.00864	0.00798	360.5346	333.5008	326.9572	166.9366
774.9	0.00805	0.00831	0.00832	0.00764	361.8001	334.6314	328.3531	167.5595
775.4	0.00751	0.00728	0.00863	0.00749	363.331	335.7901	329.5468	168.2062
775.9	0.00759	0.00766	0.00850	0.00750	364.6462	336.9722	330.9875	168.8747
776.4	0.00722	0.00698	0.00786	0.00760	365.768	338.1989	332.2415	169.576
776.9	0.00662	0.00655	0.00804	0.00782	366.7268	339.4995	333.3364	169.999
777.4	0.00697	0.00742	0.00794	0.00694	367.9848	340.3973	334.7135	170.7876
777.9	0.00682	0.00731	0.00735	0.00774	369.5374	341.8087	335.9108	171.2868
778.4	0.00713	0.00718	0.00752	0.00713	370.3976	342.7872	336.9042	171.8107
778.9	0.00712	0.00618	0.00729	0.00684	371.5287	344.0613	338.0913	172.363
779.4	0.00630	0.00625	0.00688	0.00674	372.7712	345.0626	339.2167	173.0787
779.9	0.00622	0.00653	0.00708	0.00729	373.7974	346.0893	340.1344	173.4893
780.4	0.00682	0.00584	0.00692	0.00656	375.1042	347.1535	341.3173	173.9297
780.9	0.00576	0.00641	0.00627	0.00620	376.2038	348.2516	342.3003	174.3981
781.4	0.00549	0.00586	0.00639	0.00606	377.0946	348.9162	343.5456	174.8943
781.9	0.00597	0.00570	0.00594	0.00611	378.2556	350.0749	344.5844	175.4157
782.4	0.00586	0.00555	0.00620	0.00624	379.2187	350.8089	345.4317	175.9703
782.9	0.00536	0.00559	0.00602	0.00640	379.9742	351.5777	346.5443	176.5544
783.4	0.00472	0.00587	0.00545	0.00519	381.0242	352.8641	347.4706	176.8423

783.9	0.00473	0.00494	0.00563	0.00603	381.8905	353.7385	348.2184	177.5032
784.4	0.00541	0.00541	0.00547	0.00522	383.0529	354.6624	349.2465	177.8678
784.9	0.00450	0.00490	0.00492	0.00490	384.0507	355.19	350.1134	178.2817
785.4	0.00445	0.00546	0.00508	0.00493	384.6957	356.1757	350.9254	178.7424
785.9	0.00480	0.00527	0.00514	0.00571	385.6722	357.27	352.0006	179.3893
786.4	0.00469	0.00516	0.00471	0.00488	386.9385	357.937	352.882	179.7347
786.9	0.00505	0.00528	0.00499	0.00448	387.5242	359.125	353.5804	180.119
787.4	0.00507	0.00530	0.00484	0.00432	388.3838	359.8708	354.5404	180.5291
787.9	0.00476	0.00450	0.00537	0.00441	389.5501	360.6732	355.3204	180.9798
788.4	0.00498	0.00500	0.00539	0.00457	390.5243	361.5271	356.3859	181.4685
788.9	0.00474	0.00445	0.00489	0.00480	391.294	362.4222	357.2556	181.9901
789.4	0.00427	0.00413	0.00520	0.00514	391.8833	363.3812	357.9509	182.2186
789.9	0.00462	0.00498	0.00512	0.00432	392.7871	363.927	358.9446	182.8288
790.4	0.00446	0.00486	0.00456	0.00510	393.9736	364.9837	359.7345	183.1302
790.9	0.00486	0.00482	0.00482	0.00461	394.4855	365.6288	360.3514	183.4767
791.4	0.00494	0.00394	0.00470	0.00443	395.3296	366.6268	361.2174	183.8775
791.9	0.00425	0.00410	0.00441	0.00444	396.2854	367.3402	362.0191	184.4463
792.4	0.00433	0.00453	0.00478	0.00514	397.0683	368.1251	362.6529	184.724
792.9	0.00507	0.00401	0.00479	0.00460	398.2039	369.007	363.6198	185.0627
793.4	0.00423	0.00475	0.00436	0.00445	399.1442	369.9407	364.399	185.4394
793.9	0.00415	0.00440	0.00467	0.00451	399.8808	370.4379	365.4607	185.8506
794.4	0.00473	0.00436	0.00437	0.00468	400.939	371.4842	366.3504	186.3085
794.9	0.00473	0.00432	0.00473	0.00491	401.7714	372.0735	367.025	186.791
795.4	0.00437	0.00448	0.00468	0.00520	402.396	372.7039	367.98	187.3069
795.9	0.00376	0.00477	0.00416	0.00405	403.3376	373.8804	368.7574	187.5249
796.4	0.00378	0.00387	0.00435	0.00488	404.0566	374.6025	369.3227	188.1118
796.9	0.00445	0.00435	0.00423	0.00411	405.0746	375.3704	370.1731	188.3916
797.4	0.00350	0.00379	0.00365	0.00374	405.8949	375.705	370.8336	188.7094
797.9	0.00337	0.00425	0.00372	0.00369	406.3286	376.4895	371.4179	189.0646
798.4	0.00366	0.00402	0.00374	0.00440	407.0853	377.3694	372.2583	189.6035
798.9	0.00347	0.00384	0.00326	0.00353	408.1604	377.8295	372.9195	189.8424
799.4	0.00379	0.00392	0.00351	0.00311	408.5355	378.8248	373.3937	190.1214
799.9	0.00389	0.00403	0.00346	0.00304	409.2336	379.404	374.1755	190.4465
800.4	0.00364	0.00330	0.00402	0.00318	410.275	380.0683	374.7995	190.8273
800.9	0.00395	0.00388	0.00415	0.00344	411.1181	380.7853	375.7177	191.2469
801.4	0.00383	0.00346	0.00379	0.00378	411.7805	381.5714	376.462	191.7141
801.9	0.00340	0.00319	0.00413	0.00415	412.2485	382.415	377.0202	191.8765
802.4	0.00374	0.00401	0.00405	0.00334	413.0062	382.8054	377.8566	192.4156
802.9	0.00362	0.00393	0.00354	0.00414	414.0738	383.7385	378.5031	192.6476
803.4	0.00396	0.00385	0.00376	0.00362	414.4396	384.2406	378.9642	192.9215
803.9	0.00407	0.00303	0.00368	0.00348	415.1866	385.1425	379.7188	193.2703
804.4	0.00354	0.00333	0.00355	0.00365	416.0824	385.7843	380.4393	193.8076
804.9	0.00369	0.00383	0.00399	0.00441	416.8268	386.5238	381.0122	194.0588
805.4	0.00445	0.00335	0.00404	0.00391	417.8653	387.3016	381.8672	194.3415
805.9	0.00364	0.00408	0.00364	0.00378	418.7252	388.1526	382.5501	194.6736
806.4	0.00336	0.00355	0.00374	0.00363	419.0909	388.2952	383.2654	194.9083
806.9	0.00317	0.00277	0.00271	0.00304	419.4824	388.7221	383.5317	195.0436
807.4	0.00257	0.00214	0.00249	0.00263	419.7605	388.7902	383.6854	195.2412
807.9	0.00222	0.00230	0.00245	0.00280	420.1683	389.2159	384.4369	195.6127

808.4	0.00226	0.00322	0.00257	0.00219	421.2053	390.4825	385.2856	195.8149
808.9	0.00327	0.00334	0.00376	0.00394	422.3485	391.5934	386.2212	196.5602
809.4	0.00503	0.00490	0.00473	0.00432	424.1267	393.0552	387.7473	197.1709
809.9	0.00535	0.00560	0.00540	0.00534	425.9794	394.3277	389.3286	197.988
810.4	0.00633	0.00716	0.00658	0.00666	427.4189	396.0434	390.8138	198.8842
810.9	0.00707	0.00738	0.00704	0.00815	429.0898	397.7616	392.4673	199.9714
811.4	0.00700	0.00730	0.00667	0.00778	430.9472	398.9128	393.8037	200.7225
811.9	0.00724	0.00729	0.00682	0.00765	432.0075	400.533	394.8699	201.504
812.4	0.00706	0.00708	0.00647	0.00759	433.2999	401.6234	396.1551	202.3024
812.9	0.00650	0.00602	0.00668	0.00763	434.8466	402.6993	397.1819	203.1201
813.4	0.00652	0.00626	0.00649	0.00776	436.2062	403.8329	398.5204	203.9891
813.9	0.00628	0.00569	0.00600	0.00807	437.4346	405.0774	399.7246	204.9324
814.4	0.00587	0.00538	0.00629	0.00847	438.4874	406.3935	400.7556	205.5685
814.9	0.00625	0.00618	0.00626	0.00777	439.8409	407.2346	402.072	206.59
815.4	0.00611	0.00603	0.00572	0.00849	441.5424	408.6523	403.2156	207.2998
815.9	0.00647	0.00594	0.00595	0.00798	442.4883	409.5896	404.1387	208.0308
816.4	0.00652	0.00504	0.00581	0.00772	443.7628	410.873	405.3053	208.8013
816.9	0.00583	0.00512	0.00550	0.00764	445.1672	411.8605	406.415	209.7486
817.4	0.00581	0.00541	0.00576	0.00813	446.3195	412.8566	407.2863	210.3455
817.9	0.00637	0.00476	0.00563	0.00740	447.7615	413.8748	408.4364	210.9603
818.4	0.00537	0.00523	0.00503	0.00698	448.9994	414.9477	409.3919	211.6098
818.9	0.00511	0.00471	0.00515	0.00678	449.9768	415.5161	410.6091	212.2681
819.4	0.00556	0.00456	0.00478	0.00676	451.2909	416.6606	411.6421	212.9677
819.9	0.00548	0.00443	0.00506	0.00683	452.391	417.3437	412.4724	213.6993
820.4	0.00511	0.00456	0.00500	0.00701	453.285	418.084	413.6156	214.4678
820.9	0.00457	0.00486	0.00455	0.00590	454.5114	419.3994	414.5692	214.91
821.4	0.00459	0.00402	0.00474	0.00661	455.5161	420.2478	415.3135	215.7488
821.9	0.00521	0.00446	0.00463	0.00583	456.8279	421.1368	416.3535	216.2487
822.4	0.00433	0.00395	0.00411	0.00544	457.9305	421.5693	417.1953	216.7853
822.9	0.00422	0.00441	0.00420	0.00535	458.6819	422.5343	418.012	217.3858
823.4	0.00458	0.00429	0.00432	0.00606	459.7917	423.6171	419.1169	218.1866
823.9	0.00451	0.00424	0.00399	0.00531	461.2409	424.2581	420.0347	218.6624
824.4	0.00484	0.00436	0.00427	0.00491	461.9377	425.4614	420.7487	219.1736
824.9	0.00490	0.00443	0.00419	0.00477	462.9362	426.1888	421.7542	219.7115
825.4	0.00460	0.00370	0.00468	0.00480	464.264	426.976	422.5616	220.2889
825.9	0.00479	0.00416	0.00470	0.00490	465.3745	427.8157	423.6773	220.9022
826.4	0.00455	0.00366	0.00425	0.00507	466.2331	428.6775	424.5569	221.5356
826.9	0.00407	0.00333	0.00449	0.00529	466.8983	429.6152	425.2526	221.8452
827.4	0.00435	0.00409	0.00440	0.00449	467.8757	430.0792	426.2489	222.5592
827.9	0.00415	0.00394	0.00385	0.00512	468.9984	430.9537	426.8793	222.8524
828.4	0.00370	0.00312	0.00330	0.00383	468.7572	430.8189	426.7643	222.8967
828.9	0.00249	0.00109	0.00197	0.00239	468.6412	430.8933	426.7485	222.9057
829.4	0.00118	0.00071	0.00118	0.00183	468.9792	431.0236	427.0287	223.286
829.9	0.00161	0.00162	0.00206	0.00295	469.669	431.7607	427.6627	223.6199
830.4	0.00328	0.00225	0.00320	0.00355	471.2577	433.0573	429.1207	224.2573
830.9	0.00404	0.00446	0.00437	0.00493	473.242	434.9011	430.8649	225.1934
831.4	0.00594	0.00597	0.00650	0.00681	475.7274	436.8304	433.463	226.4612
831.9	0.00883	0.00801	0.00829	0.00905	479.1384	439.7532	436.2495	227.9898
832.4	0.01065	0.00938	0.00998	0.01068	482.3589	442.0938	438.6877	229.5013

832.9	0.01155	0.01032	0.01064	0.01173	485.451	444.4648	441.3819	231.0429
833.4	0.01188	0.01105	0.01050	0.01115	488.9389	447.4126	443.825	232.2414
833.9	0.01254	0.01055	0.01087	0.01220	492.2597	449.9037	446.0431	233.8688
834.4	0.01361	0.01121	0.01086	0.01173	496.0027	452.5204	448.6246	235.1906
834.9	0.01317	0.01099	0.01050	0.01165	499.6337	454.7645	451.0825	236.6061
835.4	0.01339	0.01170	0.01077	0.01187	502.8474	457.5326	453.4735	238.0754
835.9	0.01387	0.01172	0.01094	0.01271	506.443	460.4522	456.1855	239.7718
836.4	0.01374	0.01165	0.01055	0.01199	510.3391	462.886	458.6738	241.1157
836.9	0.01401	0.01181	0.01083	0.01168	513.4078	465.9016	460.9421	242.4949
837.4	0.01390	0.01181	0.01067	0.01149	516.737	468.3954	463.4926	243.8904
837.9	0.01341	0.01102	0.01104	0.01144	520.3724	470.9396	465.8261	245.3223
838.4	0.01334	0.01134	0.01094	0.01142	523.6663	473.4632	468.4127	246.7531
838.9	0.01285	0.01072	0.01039	0.01145	526.6874	476.0278	470.7732	248.216
839.4	0.01210	0.01023	0.01045	0.01149	529.4031	478.6053	472.8783	249.3014
839.9	0.01208	0.01077	0.01021	0.01056	532.3956	480.6525	475.2761	250.8006
840.4	0.01165	0.01050	0.00958	0.01102	535.6777	483.2716	477.4297	251.9276
840.9	0.01161	0.01020	0.00956	0.01031	538.0728	485.3472	479.3195	253.0677
841.4	0.01134	0.00920	0.00925	0.00989	540.7598	487.7622	481.4352	254.2336
841.9	0.01045	0.00914	0.00882	0.00968	543.5328	489.8253	483.458	255.5824
842.4	0.01017	0.00925	0.00890	0.00998	546.0453	491.9342	485.2551	256.5674
842.9	0.01049	0.00857	0.00871	0.00928	548.8319	494.0439	487.3323	257.5638
843.4	0.00947	0.00898	0.00813	0.00889	551.3824	496.2195	489.2025	258.6066
843.9	0.00915	0.00849	0.00823	0.00874	553.7017	497.9084	491.4229	259.6985
844.4	0.00947	0.00835	0.00789	0.00876	556.3379	500.1894	493.4047	260.821
844.9	0.00935	0.00825	0.00815	0.00888	558.7403	501.9785	495.1785	261.9916
845.4	0.00890	0.00830	0.00805	0.00902	560.8907	503.8187	497.2851	263.2028
845.9	0.00832	0.00853	0.00759	0.00802	563.3845	506.2749	499.1703	264.0495
846.4	0.00834	0.00781	0.00783	0.00876	565.7072	508.2924	500.9001	265.3805
846.9	0.00887	0.00822	0.00774	0.00811	568.3551	510.3452	502.9474	266.3362
847.4	0.00807	0.00777	0.00729	0.00782	570.7659	511.8964	504.7805	267.3383
847.9	0.00796	0.00821	0.00741	0.00781	572.7117	513.9728	506.5281	268.3846
848.4	0.00808	0.00791	0.00734	0.00830	574.9891	516.1215	508.5388	269.6283
848.9	0.00782	0.00769	0.00688	0.00750	577.58	517.7263	510.2911	270.4861
849.4	0.00800	0.00769	0.00704	0.00707	579.3347	519.9589	511.8282	271.3919
849.9	0.00789	0.00762	0.00685	0.00685	581.4081	521.6506	513.6754	272.3243
850.4	0.00750	0.00684	0.00719	0.00680	583.8121	523.3754	515.2749	273.2881
850.9	0.00760	0.00720	0.00717	0.00688	585.9587	525.1468	517.2068	274.2904
851.4	0.00729	0.00665	0.00668	0.00697	587.8241	526.9447	518.8837	275.3209
851.9	0.00676	0.00627	0.00683	0.00712	589.4326	528.7922	520.3265	275.9762
852.4	0.00694	0.00688	0.00669	0.00636	591.389	530.1115	522.1028	277.0856
852.9	0.00670	0.00669	0.00615	0.00691	593.7269	532.0815	523.6703	277.8328
853.4	0.00696	0.00661	0.00633	0.00646	595.2277	533.5499	525.027	278.633
853.9	0.00703	0.00590	0.00627	0.00633	597.1621	535.4705	526.7126	279.5139
854.4	0.00654	0.00612	0.00612	0.00643	599.3403	537.1448	528.419	280.6533
854.9	0.00665	0.00653	0.00650	0.00705	601.2535	538.8621	529.8822	281.4107
855.4	0.00727	0.00613	0.00655	0.00664	603.5649	540.6666	531.7209	282.228
855.9	0.00650	0.00667	0.00613	0.00645	605.611	542.5145	533.3158	283.0818
856.4	0.00636	0.00632	0.00633	0.00643	607.3608	543.7964	535.2181	283.9584
856.9	0.00678	0.00625	0.00605	0.00653	609.5267	545.7626	536.9334	284.903

857.4	0.00674	0.00619	0.00634	0.00669	611.4247	547.1868	538.4021	285.8841
857.9	0.00639	0.00628	0.00627	0.00688	613.0367	548.6373	540.1891	286.894
858.4	0.00584	0.00647	0.00580	0.00590	615.0051	550.7211	541.7343	287.5199
858.9	0.00581	0.00570	0.00593	0.00654	616.7325	552.2861	543.0558	288.6194
859.4	0.00633	0.00607	0.00581	0.00590	618.8059	553.8879	544.7064	289.3284
859.9	0.00558	0.00564	0.00537	0.00563	620.7031	555.0253	546.1892	290.1173
860.4	0.00550	0.00605	0.00547	0.00561	622.1318	556.72	547.5915	290.9579
860.9	0.00574	0.00587	0.00551	0.00620	623.9326	558.5089	549.2847	292.0146
861.4	0.00562	0.00577	0.00516	0.00554	626.1517	559.8093	550.7836	292.7109
861.9	0.00591	0.00587	0.00541	0.00524	627.5316	561.7875	552.082	293.4707
862.4	0.00599	0.00596	0.00537	0.00519	629.2816	563.2338	553.731	294.2746
862.9	0.00576	0.00535	0.00583	0.00528	631.4606	564.787	555.1925	295.1497
863.4	0.00603	0.00585	0.00596	0.00552	633.4524	566.4578	557.0657	296.1014
863.9	0.00599	0.00556	0.00573	0.00585	635.2294	568.2226	558.7379	297.1174
864.4	0.00564	0.00535	0.00601	0.00615	636.5793	569.8946	560.0243	297.6678
864.9	0.00552	0.00563	0.00557	0.00512	637.97	570.7325	561.3752	298.5387
865.4	0.00497	0.00512	0.00472	0.00531	639.73	572.2202	562.4831	299.0201
865.9	0.00517	0.00499	0.00483	0.00482	640.962	573.4891	563.6676	299.7162
866.4	0.00556	0.00462	0.00508	0.00502	642.8539	575.4159	565.3774	300.5959
866.9	0.00547	0.00521	0.00532	0.00550	645.1443	577.2217	567.2396	301.8146
867.4	0.00610	0.00614	0.00621	0.00664	647.4548	579.338	569.1097	302.7779
867.9	0.00726	0.00632	0.00681	0.00681	650.3746	581.7215	571.5414	303.8957
868.4	0.00718	0.00750	0.00707	0.00729	653.1688	584.28	573.847	305.1193
868.9	0.00736	0.00747	0.00757	0.00759	655.5225	586.1249	576.3469	306.2992
869.4	0.00776	0.00738	0.00727	0.00765	658.1137	588.4922	578.4677	307.4498
869.9	0.00763	0.00720	0.00742	0.00768	660.3357	590.1933	580.2307	308.5841
870.4	0.00714	0.00708	0.00714	0.00765	662.2593	591.8937	582.2962	309.7347
870.9	0.00647	0.00705	0.00648	0.00650	664.4951	594.1732	584.0325	310.446
871.4	0.00636	0.00615	0.00644	0.00696	666.4393	595.8495	585.473	311.6184
871.9	0.00674	0.00632	0.00614	0.00617	668.8312	597.6163	587.3052	312.4159
872.4	0.00605	0.00585	0.00565	0.00586	671.128	598.9554	589.0157	313.329
872.9	0.00619	0.00639	0.00589	0.00602	673.048	600.9504	590.7166	314.3409
873.4	0.00666	0.00638	0.00608	0.00677	675.4994	603.154	592.8261	315.64
873.9	0.00666	0.00633	0.00579	0.00620	678.2848	604.7474	594.6314	316.514
874.4	0.00700	0.00644	0.00604	0.00595	680.1576	606.9996	596.1815	317.4337
874.9	0.00706	0.00646	0.00594	0.00586	682.4294	608.7029	598.0973	318.4051
875.4	0.00679	0.00578	0.00628	0.00588	685.0482	610.4239	599.7243	319.404
875.9	0.00695	0.00615	0.00628	0.00602	687.4164	612.2135	601.7244	320.4574
876.4	0.00678	0.00573	0.00591	0.00621	689.5311	614.0724	603.4854	321.5653
876.9	0.00634	0.00540	0.00604	0.00638	691.3539	615.9705	604.9763	322.2622
877.4	0.00656	0.00601	0.00595	0.00574	693.5713	617.313	606.8381	323.4592
877.9	0.00649	0.00597	0.00557	0.00639	696.2487	619.399	608.5114	324.288
878.4	0.00660	0.00577	0.00560	0.00586	697.6917	620.6566	609.6731	325.0231
878.9	0.00618	0.00463	0.00505	0.00527	699.2994	622.1358	610.9225	325.7051
879.4	0.00536	0.00447	0.00454	0.00500	701.2664	623.4354	612.2614	326.7122
879.9	0.00554	0.00494	0.00493	0.00566	703.3905	625.1742	613.6953	327.5156
880.4	0.00650	0.00496	0.00531	0.00569	706.1447	627.1834	615.6802	328.4781
880.9	0.00635	0.00602	0.00542	0.00608	708.9677	629.551	617.6987	329.647
881.4	0.00686	0.00632	0.00620	0.00671	711.774	631.5743	620.3193	330.9834

881.9	0.00794	0.00695	0.00663	0.00750	715.2527	634.5289	622.9615	332.4978
882.4	0.00846	0.00744	0.00750	0.00822	718.3524	636.822	625.3162	334.0115
882.9	0.00826	0.00766	0.00767	0.00853	720.9767	639.0031	627.9478	335.4808
883.4	0.00771	0.00780	0.00735	0.00758	723.8246	641.7351	630.2619	336.4601
883.9	0.00751	0.00694	0.00750	0.00800	726.3019	643.8257	632.3195	337.9023
884.4	0.00773	0.00707	0.00737	0.00718	729.0822	645.9122	634.7401	338.8899
884.9	0.00679	0.00647	0.00691	0.00668	731.5145	647.3817	636.9026	339.8926
885.4	0.00651	0.00671	0.00700	0.00648	733.4495	649.4868	639.0343	340.9588
885.9	0.00662	0.00650	0.00708	0.00692	735.8799	651.7985	641.5953	342.3038
886.4	0.00652	0.00647	0.00691	0.00633	738.804	653.6407	644.007	343.2796
886.9	0.00682	0.00668	0.00728	0.00610	740.8634	656.2782	646.2603	344.3485
887.4	0.00697	0.00690	0.00742	0.00615	743.4047	658.4316	648.9739	345.5052
887.9	0.00691	0.00653	0.00803	0.00639	746.4178	660.7231	651.4952	346.7441
888.4	0.00719	0.00710	0.00824	0.00667	749.2145	663.1454	654.4521	348.0627
888.9	0.00709	0.00682	0.00798	0.00692	751.6725	665.5907	657.0984	349.4048
889.4	0.00673	0.00663	0.00820	0.00717	753.6854	667.9644	659.338	350.2535
889.9	0.00657	0.00689	0.00775	0.00619	755.6613	669.3732	661.5686	351.4149
890.4	0.00582	0.00620	0.00670	0.00613	757.8826	671.3549	663.39	352.0827
890.9	0.00582	0.00593	0.00660	0.00551	759.4434	673.0251	665.2081	352.9438
891.4	0.00608	0.00550	0.00669	0.0056	761.8728	675.5327	667.7119	354.0726
891.9	0.00603	0.00608	0.00691	0.00608	764.8038	677.954	670.4239	355.5991
892.4	0.00665	0.00695	0.00772	0.00717	767.6988	680.6458	673.0797	356.8205
892.9	0.00774	0.00712	0.00826	0.00736	771.3923	683.7366	676.4514	358.2734
893.4	0.00775	0.00826	0.00853	0.00788	774.8931	686.9713	679.6298	359.8185
893.9	0.00788	0.00820	0.00892	0.00812	777.8231	689.3702	682.9359	361.2797
894.4	0.00820	0.00810	0.00858	0.00816	781.0042	692.3632	685.8224	362.7131
894.9	0.00797	0.00788	0.00858	0.00811	783.759	694.6609	688.3013	364.1257
895.4	0.00748	0.00781	0.00827	0.00807	786.1033	696.9368	691.0387	365.5233
895.9	0.00675	0.00779	0.00755	0.00693	788.7923	699.8993	693.4236	366.4513
896.4	0.00655	0.00699	0.00741	0.00728	791.1289	702.2285	695.4576	367.8671
896.9	0.00686	0.00723	0.00709	0.00653	793.9006	704.6546	697.8729	368.8521
897.4	0.00610	0.00679	0.00651	0.00614	796.5187	706.6102	700.1108	369.9384
897.9	0.00616	0.00733	0.00666	0.00621	798.8179	709.3903	702.4165	371.1719
898.4	0.00662	0.00745	0.00686	0.00694	801.7172	712.4401	705.1838	372.7238
898.9	0.00673	0.00760	0.00669	0.00652	805.1443	714.9883	707.7572	373.8857
899.4	0.00712	0.00784	0.00698	0.00635	807.4761	718.1757	709.9601	375.0455
899.9	0.00705	0.00778	0.00676	0.00612	809.8448	720.4216	712.2112	376.0718
900.4	0.00633	0.00672	0.00658	0.00565	812.3798	722.501	713.9571	377.025
900.9	0.00617	0.00676	0.00626	0.00543	814.7972	724.7912	716.2408	378.1033
901.4	0.00622	0.00658	0.00610	0.00578	817.4393	727.5947	718.6946	379.4631
901.9	0.00626	0.00671	0.00665	0.00635	820.0567	730.6923	721.102	380.4997
902.4	0.00703	0.00782	0.00711	0.00627	823.4909	733.5186	724.2443	382.2471
902.9	0.00760	0.00839	0.00737	0.00745	827.6798	737.369	727.3934	383.7034
903.4	0.00850	0.00897	0.00816	0.00772	831.2078	740.9089	730.5685	385.3735
903.9	0.00911	0.00889	0.00862	0.00815	835.0643	744.8105	733.9637	387.0607
904.4	0.00876	0.00911	0.00854	0.00831	838.8722	748.1138	737.0842	388.9118
904.9	0.00867	0.00924	0.00865	0.00871	842.2192	751.3271	739.7861	390.2684
905.4	0.00890	0.00858	0.00839	0.00815	845.8157	754.438	742.7404	391.6198
905.9	0.00800	0.00876	0.00778	0.00783	849.0727	757.5675	745.3885	393.0304

906.4	0.00764	0.00818	0.00770	0.00768	851.9568	759.9984	748.388	394.4842
906.9	0.00788	0.00798	0.00737	0.00777	855.4403	763.3238	751.2694	396.0912
907.4	0.00800	0.00805	0.00778	0.00818	858.9051	766.263	754.129	397.9006
907.9	0.00795	0.00834	0.00798	0.00869	862.1539	769.3322	757.4833	399.8185
908.4	0.00766	0.00865	0.00777	0.00813	865.7759	773.0988	760.5195	401.2739
908.9	0.00776	0.00809	0.00804	0.00888	869.0947	776.2253	763.2846	403.2915
909.4	0.00819	0.00837	0.00795	0.00839	872.817	779.3798	766.4423	404.852
909.9	0.00747	0.00789	0.00751	0.00812	876.1417	781.8069	769.2445	406.4243
910.4	0.00729	0.00811	0.00751	0.00805	878.8649	784.8457	771.9173	408.04
910.9	0.00736	0.00779	0.00742	0.00843	882.033	787.9895	774.9418	409.9142
911.4	0.00712	0.00754	0.00701	0.00775	885.6072	790.4641	777.66	411.3188
911.9	0.00726	0.00751	0.00713	0.00741	888.1032	793.6643	780.0718	412.7595
912.4	0.00720	0.00742	0.00697	0.00722	891.0531	796.2366	782.9132	414.2565
912.9	0.00688	0.00675	0.00723	0.00717	894.3882	798.8181	785.4235	415.7763
913.4	0.00697	0.00702	0.00721	0.00721	897.4231	801.4633	788.355	417.3472
913.9	0.00670	0.00654	0.00679	0.00726	900.1293	804.149	790.9827	418.9564
914.4	0.00629	0.00621	0.00690	0.00736	902.4693	806.8446	793.2738	420.0748
914.9	0.00645	0.00669	0.00679	0.00673	905.2835	808.9185	796.009	421.768
915.4	0.00631	0.00657	0.00639	0.00720	908.6505	811.8605	798.5504	423.0462
915.9	0.00657	0.00654	0.00657	0.00686	911.0593	814.2455	800.8939	424.4204
916.4	0.00680	0.00611	0.00666	0.00689	914.119	817.2846	803.7373	425.9418
916.9	0.00651	0.00638	0.00664	0.00705	917.4747	820.0095	806.5963	427.7744
917.4	0.00667	0.00677	0.00701	0.00760	920.459	822.7438	809.1113	429.1099
917.9	0.00718	0.00644	0.00703	0.00725	923.9188	825.5661	812.0698	430.5063
918.4	0.00630	0.00660	0.00642	0.00680	926.1108	827.6038	813.9017	431.5045
918.9	0.00506	0.00518	0.00545	0.00563	926.9891	828.0975	815.2835	432.0856
919.4	0.00436	0.00409	0.00419	0.00466	928.439	829.4889	816.5118	432.7902
919.9	0.00421	0.00391	0.00434	0.00470	930.7242	831.2535	818.513	434.1143
920.4	0.00480	0.00486	0.00523	0.00580	933.7742	834.0444	821.9376	436.0241
920.9	0.00581	0.00646	0.00637	0.00654	938.4861	838.6909	826.1434	438.0365
921.4	0.00763	0.00765	0.00834	0.00893	944.1455	843.7831	831.1185	441.1924
921.9	0.01021	0.01007	0.01036	0.01053	951.6074	850.1161	837.6062	444.4561
922.4	0.01172	0.01178	0.01196	0.01228	959.0753	856.0457	843.9372	447.8447
922.9	0.01285	0.01325	0.01300	0.01323	965.8912	862.5807	849.9222	451.1659
923.4	0.01371	0.01373	0.01339	0.01406	973.0559	869.1204	855.9871	454.6048
923.9	0.01198	0.01062	0.01071	0.01268	47009.09	41766.52	39537.48	21314.84
924.4	0.01171	0.01036	0.01045	0.01243	47272.91	41971.66	39737	21442.83
924.9	0.01147	0.01019	0.01021	0.01211	47533.05	42176.01	39928.67	21564.05
925.4	0.01122	0.00984	0.00998	0.01189	47790.01	42374.72	40117.57	21688.55
925.9	0.01108	0.00968	0.00977	0.01158	48045.12	42569.43	40305.37	21807.13
926.4	0.01080	0.00943	0.00953	0.01131	48295.46	42757.34	40489.3	21924.65
926.9	0.01063	0.00933	0.00940	0.01112	48541.89	42950.52	40673.03	22042.46
927.4	0.01050	0.00916	0.00926	0.01099	48790.62	43143.96	40858.86	22161.45
927.9	0.01034	0.00903	0.00911	0.01075	49037.29	43328.41	41038.64	22274.47
928.4	0.01024	0.00893	0.00903	0.01055	49282.02	43524.08	41221.73	22390.33
928.9	0.01022	0.00894	0.00903	0.01050	49537.04	43721.75	41414.25	22509.59
929.4	0.01029	0.00900	0.00921	0.01058	49798.87	43923.52	41608.17	22630.67
929.9	0.01040	0.00917	0.00934	0.01067	50060.99	44128.57	41807.8	22753.16
930.4	0.01038	0.00915	0.00933	0.01067	50322.76	44336.41	42007.55	22876.79

930.9	0.01038	0.00920	0.00943	0.01072	50579.13	44542.59	42203.2	22995.5
931.4	0.01035	0.00925	0.00941	0.01058	50838.55	44744.33	42402.22	23118.15
931.9	0.01025	0.00919	0.00930	0.01055	51098.13	44949.67	42597.07	23235.85
932.4	0.01017	0.00911	0.00925	0.01038	51346.38	45147.85	42787.55	23352.31
932.9	0.01016	0.00905	0.00925	0.01033	51608.34	45359.23	42989.54	23473.81
933.4	0.01010	0.00910	0.00926	0.01032	51873.26	45569.54	43192.78	23597.91
933.9	0.01011	0.00917	0.00933	0.01038	52131.86	45777.42	43391.1	23716.67
934.4	0.01015	0.00914	0.00934	0.01030	52397.59	45989.64	43596.12	23837.46
934.9	0.01003	0.00919	0.00929	0.01023	52660.08	46202.17	43798.77	23958.17
935.4	0.00999	0.00917	0.00932	0.01020	52916.07	46406.72	44001.55	24077.31
935.9	0.00993	0.00909	0.00921	0.01009	53175.75	46617.93	44202.89	24196.93
936.4	0.00981	0.00899	0.00915	0.00998	53431.16	46823.09	44400.95	24316.02
936.9	0.00973	0.00899	0.00912	0.00995	53681.26	47026.69	44600.13	24434.13
937.4	0.00955	0.00891	0.00897	0.00972	53933.57	47235.65	44796.57	24548.12
937.9	0.00944	0.00875	0.00890	0.00967	54184.71	47441.25	44992.27	24666.93
938.4	0.00943	0.00875	0.00885	0.00954	54435.75	47644.74	45188.58	24780.55
938.9	0.00927	0.00866	0.00875	0.00943	54688.27	47847.11	45386.31	24896.3
939.4	0.00932	0.00879	0.00884	0.00948	54953.32	48069.9	45597.7	25020.18
939.9	0.00957	0.00901	0.00908	0.00975	55228.61	48299.89	45817.7	25149.1
940.4	0.00975	0.00922	0.00927	0.00988	55513.57	48530.78	46041	25277.26
940.9	0.00991	0.00938	0.00944	0.00996	55793.18	48770.63	46264.94	25407.12
941.4	0.01002	0.00951	0.00955	0.01006	56072.55	49002.66	46489.3	25535.66
941.9	0.00999	0.00946	0.00962	0.01006	56355.82	49235.91	46712.08	25664.76
942.4	0.00992	0.00944	0.00955	0.00998	56630	49464.22	46932.86	25791.19
942.9	0.00985	0.00937	0.00948	0.00995	56899.93	49691.79	47150.2	25917.18
943.4	0.00969	0.00924	0.00940	0.00986	57166.26	49919.19	47364.62	26038.98
943.9	0.00957	0.00917	0.00925	0.00963	57433.89	50139.93	47580.7	26164.19
944.4	0.00947	0.00910	0.00914	0.00961	57700.93	50363.46	47791.38	26283.84
944.9	0.00936	0.00897	0.00904	0.00942	57959.06	50581.8	47999.68	26403.68
945.4	0.00924	0.00879	0.00891	0.00928	58219.25	50802.89	48209.5	26523.24
945.9	0.00910	0.00873	0.00882	0.00919	58477.69	51018.19	48416.23	26643.38
946.4	0.00899	0.00867	0.00875	0.00913	58733.08	51233.77	48620.45	26759.56
946.9	0.00893	0.00852	0.00864	0.00896	58991.25	51449.45	48827.51	26875.76
947.4	0.00880	0.00853	0.00855	0.00888	59246.29	51665.36	49031.98	26992.06
947.9	0.00871	0.00843	0.00851	0.00881	59501.45	51878.64	49242.12	27109.94
948.4	0.00871	0.00840	0.00845	0.00877	59763.84	52101.54	49453.21	27229.86
948.9	0.00879	0.00848	0.00856	0.00886	60028.38	52323.57	49666.07	27352.3
949.4	0.00879	0.00854	0.00860	0.00892	60296	52551.2	49887.04	27477.71
949.9	0.00888	0.00871	0.00870	0.00896	60578.42	52795.1	50115.18	27604.46
950.4	0.00909	0.00886	0.00894	0.00923	60865.76	53040.48	50347.36	27739.15
950.9	0.00932	0.00909	0.00912	0.00935	61164.49	53293.35	50589.45	27873.63
951.4	0.00937	0.00917	0.00920	0.00944	61460.22	53540.79	50829.03	28008.3
951.9	0.00944	0.00930	0.00930	0.00951	61747.33	53790.43	51064.7	28141.65
952.4	0.00944	0.00927	0.00929	0.00955	62037.81	54040.85	51303	28276.95
952.9	0.00934	0.00919	0.00917	0.00939	62329.38	54283.95	51537	28407.27
953.4	0.00933	0.00916	0.00916	0.00932	62608.47	54530.29	51765.77	28536.32
953.9	0.00924	0.00908	0.00907	0.00922	62893.86	54773.77	52000.14	28666.96
954.4	0.00915	0.00895	0.00905	0.00915	63180.55	55015.86	52230.35	28796.92
954.9	0.00911	0.00894	0.00900	0.00910	63460.49	55254.95	52460.57	28925.39

955.4	0.00903	0.00885	0.00890	0.00906	63742.93	55499.11	52692.74	29056.59
955.9	0.00892	0.00875	0.00886	0.00901	64021.31	55742.68	52921.48	29183.28
956.4	0.00890	0.00878	0.00881	0.00890	64298.5	55976.74	53149.65	29312.4
956.9	0.00878	0.00868	0.00867	0.00886	64583.63	56221	53379.02	29439.58
957.4	0.00876	0.00862	0.00864	0.00876	64857.07	56457.67	53603.91	29565.94
957.9	0.00876	0.00856	0.00863	0.00875	65144.42	56707.23	53839.91	29697.37
958.4	0.00885	0.00871	0.00875	0.00888	65448.8	56966.95	54088.11	29838.04
958.9	0.00901	0.00890	0.00894	0.00909	65754.11	57230.45	54337	29976.44
959.4	0.00922	0.00903	0.00911	0.00921	66067.13	57498.02	54592.68	30117.06
959.9	0.00924	0.00917	0.00916	0.00928	66379.24	57767.74	54847.47	30258.89
960.4	0.00922	0.00914	0.00918	0.00927	66682.98	58027.14	55101.11	30398.54
960.9	0.00926	0.00914	0.00915	0.00928	66992.67	58295.05	55354.19	30539.59
961.4	0.00925	0.00913	0.00918	0.00929	67298.51	58556.49	55603.91	30680.53
961.9	0.00914	0.00906	0.00909	0.00922	67598.56	58815.86	55854.63	30820.48
962.4	0.00903	0.00902	0.00899	0.00907	67901.3	59080.91	56102.05	30955.95
962.9	0.00898	0.00891	0.00896	0.00908	68200.76	59339.97	56346.56	31095.98
963.4	0.00891	0.00882	0.00883	0.00890	68497.48	59593.96	56589.24	31229.03
963.9	0.00879	0.00873	0.00873	0.00882	68793.63	59844.28	56831.27	31363.47
964.4	0.00867	0.00867	0.00864	0.00871	69086.36	60101.72	57073.73	31499.13
964.9	0.00865	0.00861	0.00860	0.00872	69384.18	60361.24	57320.19	31637.54
965.4	0.00865	0.00861	0.00858	0.00867	69689.91	60618.77	57567.57	31773.79
965.9	0.00872	0.00866	0.00864	0.00868	69996.7	60892.03	57821.11	31915.22
966.4	0.00881	0.00876	0.00873	0.00876	70315.73	61167.06	58085.17	32060.88
966.9	0.00896	0.00887	0.00894	0.00893	70645.31	61448.5	58352.31	32210.02
967.4	0.00911	0.00905	0.00908	0.00908	70973.88	61732.03	58624.48	32360.4
967.9	0.00911	0.00903	0.00907	0.00912	71298.52	62015.2	58893.27	32510.68
968.4	0.00910	0.00903	0.00911	0.00917	71616.16	62295.29	59156.13	32654.96
968.9	0.00907	0.00905	0.00906	0.00905	71940.09	62571.82	59424.56	32805.29
969.4	0.00900	0.00898	0.00896	0.00905	72265.4	62852.97	59688.42	32950.36
969.9	0.00901	0.00897	0.00897	0.00900	72580.72	63128.02	59949.39	33095.64
970.4	0.00896	0.00884	0.00890	0.00893	72901.1	63408.2	60214.05	33241.91
970.9	0.00884	0.00879	0.00881	0.00886	73222.91	63684.64	60477.88	33390.39
971.4	0.00881	0.00878	0.00881	0.00888	73537.23	63957.58	60735.32	33532.61
971.9	0.00880	0.00868	0.00874	0.00877	73858.81	64233.93	60999.09	33676.77
972.4	0.00865	0.00865	0.00863	0.00867	74177.66	64510.96	61260.45	33821.4
972.9	0.00867	0.00865	0.00867	0.00869	74500.46	64788.13	61531.07	33969.56
973.4	0.00880	0.00873	0.00874	0.00879	74845.7	65088.27	61814.39	34126.59
973.9	0.00897	0.00891	0.00894	0.00899	75193.8	65387.61	62099.91	34286.66
974.4	0.00909	0.00906	0.00908	0.00915	75537.96	65686.63	62388.26	34446.71
974.9	0.00910	0.00914	0.00910	0.00912	75888.13	65994.38	62675.7	34603.47
975.4	0.00906	0.00904	0.00907	0.00914	76231.48	66292.91	62957.36	34763.54
975.9	0.00914	0.00911	0.00910	0.00912	76577.41	66590.75	63241.52	34918.73
976.4	0.00899	0.00898	0.00897	0.00901	76918.52	66880.98	63521.46	35073.48
976.9	0.00890	0.00894	0.00890	0.00893	77255.58	67178.36	63801.5	35229.31
977.4	0.00890	0.00890	0.00888	0.00896	77594.14	67474.46	64082.48	35386.31
977.9	0.00883	0.00884	0.00880	0.00884	77937.07	67764.93	64361.08	35539.2
978.4	0.00876	0.00875	0.00872	0.00872	78268.4	68060.94	64635.68	35691.74
978.9	0.00871	0.00870	0.00866	0.00865	78601.4	68348.95	64912.03	35843.65
979.4	0.00862	0.00857	0.00863	0.00859	78939.42	68638.31	65186.5	35996.43

979.9	0.00860	0.00858	0.00860	0.00856	79279.74	68932.82	65469.05	36152.05
980.4	0.00861	0.00857	0.00860	0.00861	79620.42	69230.77	65751.71	36309.63
980.9	0.00860	0.00857	0.00864	0.00866	79964.66	69534.97	66037.1	36465.87
981.4	0.00865	0.00866	0.00867	0.00863	80317.01	69836.67	66329.62	36629.17
981.9	0.00875	0.00875	0.00873	0.00879	80680.19	70151.38	66625.01	36791.2
982.4	0.00885	0.00883	0.00883	0.00883	81039.62	70465.55	66922.95	36956.57
982.9	0.00894	0.00885	0.00890	0.00890	81411.27	70791.17	67230.51	37126.11
983.4	0.00898	0.00895	0.00897	0.00899	81783.99	71112.41	67536.83	37297.82
983.9	0.00905	0.00905	0.00907	0.00911	82159.3	71439.09	67845.05	37467.71
984.4	0.00912	0.00903	0.00908	0.00908	82535.33	71763.37	68154.27	37636.46
984.9	0.00904	0.00907	0.00903	0.00905	82904.18	72084.57	68457.34	37803.78
985.4	0.00895	0.00896	0.00897	0.00897	83270.55	72400.08	68764.66	37971.8
985.9	0.00895	0.00891	0.00891	0.00895	83643.29	72724.79	69071.09	38141.27
986.4	0.00893	0.00889	0.00892	0.00895	84008.2	73039.13	69370.8	38309.01
986.9	0.00883	0.00882	0.00884	0.00888	84372.08	73355.76	69676.01	38478.14
987.4	0.00871	0.00877	0.00872	0.00872	84737.63	73677.57	69976.42	38641.66
987.9	0.00872	0.00871	0.00875	0.00879	85111.66	74003.18	70283.6	38815.83
988.4	0.00888	0.00886	0.00885	0.00885	85506.19	74343.49	70608.06	38992.95
988.9	0.00892	0.00893	0.00892	0.00894	85904.8	74683.81	70935.71	39173.8
989.4	0.00910	0.00915	0.00911	0.00912	86302.85	75034.9	71266.53	39357.5
989.9	0.00920	0.00922	0.00920	0.00925	86711.76	75392.73	71606.02	39546.68
990.4	0.00924	0.00926	0.00921	0.00924	87119.4	75739.54	71938.18	39728.82
990.9	0.00921	0.00922	0.00919	0.00917	87503.07	76081.96	72256.41	39905.28
991.4	0.00914	0.00914	0.00910	0.00908	87899.88	76425.8	72585.85	40086.25
991.9	0.00906	0.00903	0.00908	0.00903	88295.16	76765.14	72907.68	40265.02
992.4	0.00903	0.00902	0.00904	0.00900	88690.11	77107.45	73235.74	40445.53
992.9	0.00894	0.00891	0.00893	0.00894	89077.44	77446.41	73557.26	40624.46
993.4	0.00881	0.00879	0.00886	0.00886	89458.78	77783.52	73873.63	40797.54
993.9	0.00878	0.00879	0.00880	0.00875	89841.66	78111.74	74191.63	40974.86
994.4	0.00867	0.00868	0.00865	0.00870	90231.42	78449.74	74508.88	41148.76
994.9	0.00862	0.00860	0.00860	0.00859	90605.12	78776.63	74818.85	41320.66
995.4	0.00855	0.00847	0.00852	0.00851	90981.11	79106.33	75130.16	41492.13
995.9	0.00844	0.00842	0.00844	0.00845	91367.27	79439.21	75447.56	41670.01
996.4	0.00842	0.00843	0.00844	0.00847	91750.57	79773.02	75762.42	41843.4
996.9	0.00852	0.00844	0.00849	0.00849	92149.44	80117.11	76090.5	42022.37
997.4	0.00849	0.00851	0.00848	0.00850	92543.26	80460.15	76414.16	42200.96
997.9	0.00852	0.00853	0.00854	0.00854	92954.52	80814.69	76758.97	42389.46
998.4	0.00880	0.00876	0.00876	0.00879	93384.52	81189.38	77112.73	42584.97
998.9	0.00898	0.00895	0.00897	0.00899	93825.03	81569.47	77474.93	42787.24
999.4	0.00907	0.00907	0.00908	0.00912	94252.98	81942.1	77833.58	42985.75
999.9	0.00910	0.00916	0.00911	0.00911	94688.23	82324.96	78191.66	43180.88
1000.4	0.00911	0.00911	0.00914	0.00918	95122.94	82703.6	78549.04	43382.91
1000.9	0.00912	0.00911	0.00910	0.00910	95552.74	83074.72	78902.8	43575.95
1001.4	0.00901	0.00903	0.00902	0.00903	95976.47	83436.72	79251.27	43768.19
1001.9	0.00891	0.00897	0.00893	0.00893	96393.36	83804.61	79597.87	43960.59
1002.4	0.00883	0.00886	0.00883	0.00888	96810.23	84169.65	79944.16	44153.52
1002.9	0.00875	0.00877	0.00873	0.00875	97230.95	84527.42	80286.88	44341.37
1003.4	0.00872	0.00873	0.00870	0.00868	97646.36	84897.98	80631.41	44532.35
1003.9	0.00864	0.00865	0.00861	0.00859	98058.43	85255.09	80973.6	44720.24

1004.4	0.00857	0.00855	0.00859	0.00854	98475.84	85613.47	81313.48	44908.98
1004.9	0.00854	0.00854	0.00855	0.00851	98897.23	85978.77	81663.5	45101.55
1005.4	0.00851	0.00848	0.00850	0.00850	99319.95	86348.73	82014.43	45296.73
1005.9	0.00858	0.00856	0.00862	0.00862	99752.13	86730.43	82372.93	45492.91
1006.4	0.00870	0.00872	0.00872	0.00868	100201	87115.91	82745.62	45700.46
1006.9	0.00875	0.00877	0.00874	0.00878	100651.8	87507.21	83113.26	45902
1007.4	0.00888	0.00887	0.00886	0.00886	101094.8	87894.69	83480.7	46105.6
1007.9	0.00885	0.00878	0.00882	0.00881	101536	88281.48	83846.11	46306.83
1008.4	0.00874	0.00873	0.00874	0.00875	101981.7	88666.22	84212.8	46511.96
1008.9	0.00876	0.00877	0.00878	0.00881	102422.7	89050.34	84575.31	46711.57
1009.4	0.00878	0.00871	0.00876	0.00875	102879.2	89444.56	84951.06	46916.67
1009.9	0.00873	0.00876	0.00873	0.00874	103332.1	89839.29	85323.65	47122.17
1010.4	0.00878	0.00879	0.00880	0.00879	103789.3	90233.76	85706.8	47331.68
1010.9	0.00886	0.00884	0.00883	0.00885	104261.2	90644.98	86095.14	47546.24
1011.4	0.00889	0.00887	0.00889	0.00890	104723.4	91043.95	86475.32	47758.48
1011.9	0.00888	0.00889	0.00890	0.00893	105185.1	91446.05	86862.19	47972.57
1012.4	0.00884	0.00891	0.00886	0.00886	105654.7	91859.03	87248.54	48183.13
1012.9	0.00884	0.00885	0.00887	0.00891	106124.2	92268.05	87634.64	48401.23
1013.4	0.00891	0.00891	0.00890	0.00889	106598.7	92677.9	88025.27	48614.48
1013.9	0.00883	0.00884	0.00883	0.00884	107073	93083.59	88415.48	48829.73
1014.4	0.00879	0.00884	0.00880	0.00880	107531.9	93488.4	88796.98	49041.38
1014.9	0.00876	0.00878	0.00876	0.00881	107996.5	93895.13	89182.84	49256.24
1015.4	0.00869	0.00871	0.00867	0.00869	108468.6	94297.2	89567.81	49467.3
1015.9	0.00865	0.00866	0.00863	0.00860	108922.3	94701.74	89944.19	49675.84
1016.4	0.00861	0.00861	0.00858	0.00855	109388.5	95105.97	90331.3	49888.43
1016.9	0.00862	0.00859	0.00864	0.00859	109879.1	95527.85	90731.45	50110.47
1017.4	0.00876	0.00875	0.00877	0.00872	110384.9	95966.66	91151.48	50341.57
1017.9	0.00897	0.00895	0.00897	0.00897	110895	96412.85	91574.76	50576.73
1018.4	0.00908	0.00906	0.00912	0.00912	111411.4	96868.27	92003.03	50811.3
1018.9	0.00913	0.00915	0.00915	0.00911	111924.3	97309.37	92428.92	51048.25
1019.4	0.00917	0.00919	0.00917	0.00920	112439.3	97756.44	92849.33	51278.81
1019.9	0.00916	0.00916	0.00915	0.00914	112950.1	98203.09	93272.95	51513.46
1020.4	0.00914	0.00908	0.00912	0.00910	113460.6	98650.44	93695.77	51746.32
1020.9	0.00905	0.00904	0.00905	0.00906	113961.8	99083.23	94108.17	51976.82
1021.4	0.00894	0.00895	0.00896	0.00899	114464.2	99520.89	94521.39	52204.42
1021.9	0.00891	0.00885	0.00889	0.00888	114966	99954.32	94934.45	52429.96
1022.4	0.00877	0.00880	0.00877	0.00878	115455.3	100380.6	95336.91	52651.96
1022.9	0.00865	0.00867	0.00868	0.00867	115947.8	100805.6	95749.5	52877.61
1023.4	0.00860	0.00858	0.00857	0.00859	116438.8	101233.6	96153.63	53100.89
1023.9	0.00857	0.00854	0.00856	0.00857	116927.5	101655.3	96555.51	53325.26
1024.4	0.00847	0.00848	0.00849	0.00852	117413.8	102078.7	96962.91	53550.75
1024.9	0.00838	0.00844	0.00840	0.00839	117906.6	102512.1	97368.38	53771.69
1025.4	0.00841	0.00841	0.00844	0.00847	118405.9	102947	97778.94	54003.59
1025.9	0.00849	0.00848	0.00847	0.00847	118923	103393.7	98204.6	54236.05
1026.4	0.00849	0.00850	0.00849	0.00850	119438.9	103835.1	98629.11	54470.2
1026.9	0.00856	0.00861	0.00858	0.00858	119953.7	104288.9	99056.95	54707.5
1027.4	0.00866	0.00868	0.00867	0.00871	120494.8	104762.3	99506.15	54957.42
1027.9	0.00876	0.00878	0.00874	0.00876	121042.2	105229.4	99953.13	55202.57
1028.4	0.00889	0.00890	0.00887	0.00885	121580.8	105708.4	100399.8	55449.92

1028.9	0.00892	0.00893	0.00889	0.00887	122128.4	106183.5	100854.4	55699.68
1029.4	0.00891	0.00889	0.00893	0.00888	122674.1	106653.1	101299.8	55946.75
1029.9	0.00892	0.00891	0.00893	0.00889	123218.3	107125.3	101751.8	56195.39
1030.4	0.00886	0.00884	0.00886	0.00885	123760.7	107599.7	102201.9	56445.45
1030.9	0.00879	0.00878	0.00883	0.00883	124292.4	108068.9	102643	56686.95
1031.4	0.00878	0.00880	0.00880	0.00875	124829.7	108530.9	103089.2	56935.21
1031.9	0.00870	0.00872	0.00870	0.00873	125374.1	109003.4	103533.5	57178.93
1032.4	0.00865	0.00865	0.00864	0.00863	125902.1	109465.1	103971.4	57421.48
1032.9	0.00861	0.00855	0.00859	0.00858	126433	109930.3	104411	57663.6
1033.4	0.00853	0.00852	0.00854	0.00854	126981.9	110404.5	104862.9	57916.03
1033.9	0.00857	0.00858	0.00859	0.00861	127532.6	110884.1	105315.8	58165.5
1034.4	0.00868	0.00862	0.00866	0.00865	128091.2	111366.9	105775.9	58416.82
1034.9	0.00864	0.00867	0.00864	0.00865	128654.8	111857.9	106239.7	58672.64
1035.4	0.00866	0.00867	0.00869	0.00868	129211.4	112338.6	106705.7	58927.64
1035.9	0.00869	0.00867	0.00867	0.00868	129767	112822.8	107163.2	59180.32
1036.4	0.00864	0.00861	0.00864	0.00865	130323.9	113303.8	107621.4	59435.93
1036.9	0.00857	0.00858	0.00859	0.00861	130872.8	113781.8	108081	59690.18
1037.4	0.00854	0.00860	0.00856	0.00855	131441.9	114282	108549.5	59945.75
1037.9	0.00862	0.00863	0.00865	0.00868	132034.6	114798.2	109037.2	60220.46
1038.4	0.00885	0.00885	0.00884	0.00883	132650.7	115331	109544.7	60497.94
1038.9	0.00899	0.00900	0.00899	0.00900	133272	115863.8	110056.3	60780.12
1039.4	0.00908	0.00913	0.00910	0.00910	133885	116403.4	110565.6	61062.39
1039.9	0.00912	0.00914	0.00912	0.00916	134497.7	116939.5	111074.2	61345.17
1040.4	0.00914	0.00917	0.00913	0.00915	135118.4	117470	111581.6	61623.56
1040.9	0.00911	0.00912	0.00909	0.00907	135722.1	118006.3	112082.2	61900.72
1041.4	0.00905	0.00906	0.00902	0.009	136324.2	118528.7	112582	62175.33
1041.9	0.00899	0.00897	0.00901	0.00896	136932.1	119052.2	113078.6	62450.7
1042.4	0.00891	0.00891	0.00892	0.00888	137529.5	119570.6	113574.7	62723.65
1042.9	0.00877	0.00875	0.00877	0.00877	138116.5	120084.1	114061.8	62994.21
1043.4	0.00870	0.00869	0.00874	0.00874	138698	120596.8	114544.1	63258.35
1043.9	0.00863	0.00864	0.00865	0.00860	139291.5	121107.4	115036.8	63532.44
1044.4	0.00852	0.00854	0.00852	0.00855	139875.9	121614.6	115514	63794.13
1044.9	0.00847	0.00847	0.00846	0.00845	140442	122109.5	115983.4	64054.15
1045.4	0.00838	0.00832	0.00836	0.00835	141024.7	122619.9	116465.9	64319.89
1045.9	0.00830	0.00829	0.00830	0.00831	141604.1	123120.4	116942.8	64586.32
1046.4	0.00830	0.00830	0.00831	0.00834	142201.4	123640.5	117434.1	64856.96
1046.9	0.00850	0.00844	0.00848	0.00847	142859.8	124209.9	117976.5	65153.59
1047.4	0.00877	0.00880	0.00877	0.00878	143537.5	124800.3	118534.6	65461.44
1047.9	0.00906	0.00907	0.00908	0.00907	144223.7	125393.5	119108.1	65775.59
1048.4	0.00926	0.00924	0.00924	0.00926	144918	125998.5	119680.1	66091.54
1048.9	0.00932	0.00930	0.00932	0.00932	145593.8	126583	120236.8	66401.52
1049.4	0.00931	0.00932	0.00933	0.00935	146265.4	127168	120798.2	66712.02
1049.9	0.00924	0.00930	0.00926	0.00925	146939.2	127759.6	121353.3	67015.12
1050.4	0.00914	0.00915	0.00917	0.00920	147590.6	128327.1	121889.5	67316.92
1050.9	0.00909	0.00909	0.00908	0.00907	148243.4	128891.6	122427.4	67610.96
1051.4	0.00894	0.00895	0.00894	0.00895	148900.9	129455.4	122968.7	67909.59
1051.9	0.00881	0.00886	0.00883	0.00883	149532.7	130011.7	123493.6	68200.59
1052.4	0.00874	0.00876	0.00875	0.00878	150171.8	130570.6	124024	68495.56
1052.9	0.00863	0.00865	0.00862	0.00863	150812.3	131117.7	124547.3	68782.7

1053.4	0.00852	0.00853	0.00851	0.00848	151423.2	131660.6	125053.8	69063.21
1053.9	0.00842	0.00843	0.00840	0.00838	152040.8	132196.2	125566.3	69344.8
1054.4	0.00829	0.00828	0.00831	0.00827	152663.4	132731.9	126074.6	69626.75
1054.9	0.00818	0.00817	0.00819	0.00815	153269.5	133257.8	126578	69903.68
1055.4	0.00817	0.00814	0.00816	0.00816	153891.6	133801.7	127094.1	70190.37
1055.9	0.00809	0.00807	0.00812	0.00812	154505.8	134343.2	127603.5	70469.38
1056.4	0.00804	0.00806	0.00806	0.00802	155121.9	134872.9	128114.9	70753.9
1056.9	0.00808	0.00810	0.00808	0.00811	155775.4	135440.2	128648.9	71046.88
1057.4	0.00834	0.00834	0.00833	0.00832	156485	136060.1	129237	71372.43
1057.9	0.00871	0.00866	0.00870	0.00868	157227.8	136710.2	129852.1	71711.27
1058.4	0.00900	0.00899	0.00901	0.00901	157978	137359.2	130470.2	72055.78
1058.9	0.00917	0.00918	0.00919	0.00920	158727.2	138011.9	131087.3	72395.67
1059.4	0.00928	0.00923	0.00927	0.00925	159473.6	138658	131702.7	72732.32
1059.9	0.00930	0.00933	0.00930	0.00931	160215	139304.1	132313.6	73069.22
1060.4	0.00922	0.00923	0.00925	0.00923	160947.3	139937.5	132925.8	73404.55
1060.9	0.00917	0.00915	0.00915	0.00916	161668.9	140566.5	133520.5	73732.95
1061.4	0.00907	0.00905	0.00907	0.00908	162371.7	141174.1	134099.3	74055.32
1061.9	0.00892	0.00893	0.00894	0.00896	163083.2	141793.6	134694	74384.23
1062.4	0.00878	0.00883	0.00879	0.00879	163779.9	142405.5	135267.8	74697.53
1062.9	0.00870	0.00870	0.00873	0.00875	164472.6	143008.8	135838	75018.42
1063.4	0.00861	0.00861	0.00860	0.00860	165170.4	143612.2	136412.9	75332.78
1063.9	0.00846	0.00848	0.00847	0.00847	165850.7	144195.3	136973	75641.72
1064.4	0.00839	0.00843	0.00840	0.00840	166521.5	144785.8	137530.1	75950.64
1064.9	0.00827	0.00829	0.00827	0.00830	167196.8	145376.3	138090.6	76262.3
1065.4	0.00816	0.00818	0.00815	0.00816	167869.3	145950.7	138640.1	76563.77
1065.9	0.00813	0.00813	0.00811	0.00809	168530.5	146538	139188.3	76867.34
1066.4	0.00806	0.00806	0.00803	0.00801	169203	147121.3	139746.4	77174.02
1066.9	0.00799	0.00797	0.00801	0.00797	169874.6	147699.5	140295	77478.21
1067.4	0.00800	0.00800	0.00801	0.00798	170568.3	148301.4	140870.8	77795.11
1067.9	0.00813	0.00811	0.00813	0.00812	171298.5	148939.7	141476.6	78131.32
1068.4	0.00831	0.00830	0.00834	0.00834	172047	149598.7	142097.3	78471.57
1068.9	0.00854	0.00856	0.00856	0.00852	172816.8	150262.2	142736.2	78826.5
1069.4	0.00868	0.00870	0.00868	0.00871	173600	150942.5	143377.3	79178.4
1069.9	0.00874	0.00874	0.00874	0.00873	174356.2	151603.5	144004.5	79525.45
1070.4	0.00880	0.00875	0.00879	0.00877	175123.8	152275.5	144640.3	79875.62
1070.9	0.00878	0.00878	0.00879	0.00879	175916.5	152961.5	145293.6	80239.71
1071.4	0.00886	0.00887	0.00888	0.00889	176698	153642.4	145937.4	80594.27
1071.9	0.00894	0.00889	0.00892	0.00891	177498.4	154335.1	146597.2	80955.3
1072.4	0.00891	0.00894	0.00892	0.00892	178292.9	155027.5	147251.8	81316.34
1072.9	0.00884	0.00885	0.00886	0.00885	179066.9	155696.9	147899	81670.76
1073.4	0.00883	0.00882	0.00881	0.00883	179850.3	156379.7	148544.6	82027.3
1073.9	0.00880	0.00878	0.00880	0.00880	180645.6	157067.6	149199.8	82391.98
1074.4	0.00875	0.00876	0.00877	0.00879	181414.7	157737.5	149842.7	82747.42
1074.9	0.00866	0.00871	0.00867	0.00867	182188.3	158416.7	150480.1	83095.63
1075.4	0.00858	0.00859	0.00861	0.00863	182967.5	159095.3	151121.7	83456.27
1075.9	0.00856	0.00856	0.00855	0.00855	183742.3	159765.7	151760.3	83805.52
1076.4	0.00851	0.00853	0.00852	0.00852	184523.8	160436.5	152404	84160.59
1076.9	0.00846	0.00851	0.00848	0.00847	185298.5	161117.9	153047.4	84517.13
1077.4	0.00849	0.00851	0.00850	0.00853	186106.5	161824.3	153718	84889.61

1077.9	0.00866	0.00868	0.00865	0.00866	186953	162549.6	154411	85270.18
1078.4	0.00879	0.00879	0.00877	0.00875	187789.3	163290.1	155104.2	85653.8
1078.9	0.00885	0.00886	0.00883	0.00881	188624	164014.8	155796.8	86034.53
1079.4	0.00891	0.00890	0.00893	0.00889	189482.6	164755.5	156499.8	86423.99
1079.9	0.00889	0.00890	0.00891	0.00887	190323.2	165485.4	157197.5	86807.99
1080.4	0.00885	0.00884	0.00885	0.00885	191155	166212.5	157887.5	87190.79
1080.9	0.00881	0.00880	0.00885	0.00884	191984	166942	158575	87567.73
1081.4	0.00875	0.00877	0.00877	0.00873	192810.7	167654.7	159261.1	87948.84
1081.9	0.00867	0.00869	0.00867	0.00869	193635.4	168371.1	159936.2	88319.39
1082.4	0.00862	0.00862	0.00862	0.00861	194450.1	169082.9	160611.5	88693.17
1082.9	0.00856	0.00851	0.00855	0.00853	195270.9	169801.1	161291.2	89067.59
1083.4	0.00845	0.00844	0.00845	0.00845	196080	170501	161957.9	89439.29
1083.9	0.00842	0.00843	0.00844	0.00846	196895.1	171210.9	162629.1	89809.02
1084.4	0.00841	0.00837	0.00840	0.00839	197736.3	171938.8	163322.4	90188.42
1084.9	0.00838	0.00840	0.00838	0.00839	198563.2	172659.2	164003.6	90564.16
1085.4	0.00842	0.00843	0.00844	0.00844	199414.6	173395.4	164714.9	90953.89
1085.9	0.00849	0.00847	0.00847	0.00849	200278.4	174148.2	165426.9	91347.08
1086.4	0.00854	0.00852	0.00854	0.00855	201131.7	174886.4	166129.9	91738.29
1086.9	0.00855	0.00856	0.00857	0.00859	201998.8	175641.4	166854.2	92138.73
1087.4	0.00855	0.00860	0.00857	0.00856	202887.6	176421.1	167586.8	92539.23
1087.9	0.00861	0.00862	0.00864	0.00866	203763.7	177184.3	168308.6	92944.41
1088.4	0.00868	0.00868	0.00867	0.00867	204659.5	177959.8	169047.2	93348.69
1088.9	0.00865	0.00866	0.00865	0.00866	205554.8	178729.3	169785	93755.63
1089.4	0.00867	0.00871	0.00869	0.00868	206449.4	179515.7	170528	94167.09
1089.9	0.00872	0.00874	0.00873	0.00876	207358.9	180310.6	171282.6	94586.09
1090.4	0.00874	0.00876	0.00873	0.00874	208286	181105.5	172042.1	95003.18
1090.9	0.00877	0.00878	0.00876	0.00874	209189.9	181905.8	172791.6	95417.8
1091.4	0.00878	0.00879	0.00876	0.00874	210098.1	182694.3	173545.1	95832.08
1091.9	0.00871	0.00870	0.00874	0.00869	211019.8	183489.6	174299.9	96250.23
1092.4	0.00867	0.00867	0.00869	0.00865	211914.4	184266.5	175042.5	96658.92
1092.9	0.00861	0.00859	0.00861	0.00860	212809.5	185048.8	175785.1	97070.79
1093.4	0.00854	0.00854	0.00858	0.00858	213707.3	185838.5	176529.5	97479.04
1093.9	0.00848	0.00850	0.00850	0.00846	214607.8	186615	177276.8	97894.02
1094.4	0.00850	0.00851	0.00850	0.00852	215527.5	187414	178030.1	98307.65
1094.9	0.00852	0.00852	0.00852	0.00851	216455.7	188224.8	178799.5	98733.34
1095.4	0.00855	0.00851	0.00854	0.00853	217386.6	189039.3	179570.5	99158.05
1095.9	0.00861	0.00861	0.00862	0.00862	218332.3	189857.8	180350.1	99592.22
1096.4	0.00859	0.00860	0.00861	0.00863	219277	190680.7	181128.5	100021
1096.9	0.00863	0.00858	0.00861	0.00860	220220.6	191497.7	181906.7	100447
1097.4	0.00858	0.00861	0.00859	0.00859	221162.5	192318.4	182683.1	100875.1
1097.9	0.00855	0.00856	0.00857	0.00856	222114.1	193141.8	183477.8	101310.7
1098.4	0.00859	0.00858	0.00857	0.00859	223074.6	193978.9	184269.8	101748
1098.9	0.00861	0.00859	0.00861	0.00861	224029.7	194805.4	185056.9	102185.8
1099.4	0.00856	0.00857	0.00858	0.00860	224979.6	195632.6	185850.2	102624.3
1099.9	0.00848	0.00853	0.00850	0.00849	225923.8	196461	186628.7	103049.8
1100.4	0.00845	0.00845	0.00848	0.00850	226871.8	197286.7	187409.8	103488.2
1100.9	0.00846	0.00846	0.00846	0.00845	227848	198132	188214.9	103929
1101.4	0.00849	0.00850	0.00850	0.00850	228840	198985.2	189032.7	104379.9
1101.9	0.00857	0.00861	0.00859	0.00858	229825.3	199850.8	189850.9	104833

1102.4	0.00862	0.00864	0.00862	0.00865	230835.7	200733.9	190689.3	105298.3
1102.9	0.00861	0.00863	0.00861	0.00862	231832.1	201588.5	191505.8	105746.7
1103.4	0.00863	0.00864	0.00862	0.00860	232813.5	202456.8	192319.4	106196.8
1103.9	0.00858	0.00858	0.00856	0.00854	233809.8	203321.9	193146.1	106651.4
1104.4	0.00852	0.00851	0.00854	0.00850	234805	204180.9	193961.5	107102.9
1104.9	0.00856	0.00856	0.00857	0.00854	235806.1	205050.4	194792.4	107560.3
1105.4	0.00851	0.00850	0.00852	0.00851	236814	205931.2	195628.5	108023.9
1105.9	0.00845	0.00845	0.00849	0.00849	237793.4	206792.7	196440.9	108469.4
1106.4	0.00847	0.00849	0.00849	0.00846	238795.3	207657.1	197272.4	108931
1106.9	0.00839	0.00840	0.00839	0.00841	239791	208522.3	198088.4	109379.1
1107.4	0.00836	0.00836	0.00836	0.00835	240775.7	209382.7	198905.1	109830.8
1107.9	0.00834	0.00830	0.00833	0.00832	241774.1	210256.3	199732.2	110286.5
1108.4	0.00835	0.00835	0.00836	0.00836	242817.3	211159.7	200592.6	110765.4
1108.9	0.00844	0.00845	0.00846	0.00847	243865.2	212072.7	201456.6	111241.3
1109.4	0.00857	0.00853	0.00856	0.00855	244932.3	212997.1	202337.1	111723.5
1109.9	0.00857	0.00859	0.00858	0.00858	245995.6	213923.7	203214	112207.1
1110.4	0.00858	0.00859	0.00860	0.00859	247049	214835.7	204093.8	112689.3
1110.9	0.00864	0.00862	0.00862	0.00863	248122.9	215771.6	204979.7	113178.4
1111.4	0.00860	0.00859	0.00861	0.00861	249180.4	216687.3	205851.8	113663.2
1111.9	0.00854	0.00854	0.00855	0.00857	250228.9	217600.7	206727.4	114147.2
1112.4	0.00849	0.00853	0.00851	0.00850	251276.9	218519.8	207591.8	114619.9
1112.9	0.00840	0.00841	0.00843	0.00845	252333	219440	208462.6	115108
1113.4	0.00844	0.00844	0.00844	0.00843	253398.2	220362.8	209341.6	115589.2
1113.9	0.00841	0.00842	0.00842	0.00842	254468.6	221283.8	210224.5	116076.1
1114.4	0.00840	0.00844	0.00842	0.00841	255542.7	222227.4	211116.6	116569.9
1114.9	0.00841	0.00843	0.00842	0.00844	256611.7	223161.9	212004	117062.3
1115.4	0.00840	0.00842	0.00839	0.00840	257687.3	224085	212886	117546.7
1115.9	0.00841	0.00842	0.00841	0.00839	258808.4	225076.1	213815.7	118060.9
1116.4	0.00858	0.00859	0.00857	0.00855	259961.9	226078.2	214772.9	118587.2
1116.9	0.00875	0.00874	0.00878	0.00874	261138.2	227094.6	215737.9	119121.4
1117.4	0.00878	0.00879	0.00880	0.00876	262304.2	228107.8	216705.7	119654.1
1117.9	0.00881	0.00880	0.00881	0.00881	263454.9	229113.4	217660.5	120183.2
1118.4	0.00879	0.00879	0.00883	0.00883	264600.8	230120.4	218610.8	120704.6
1118.9	0.00878	0.00879	0.00880	0.00876	265762.9	231124	219575.1	121239.6
1119.4	0.00872	0.00874	0.00872	0.00874	266900.3	232112.5	220508	121752
1119.9	0.00865	0.00865	0.00865	0.00864	268011.7	233083.4	221429.6	122261.7
1120.4	0.00853	0.00850	0.00853	0.00851	269132.8	234064.1	222358.2	122773.3
1120.9	0.00842	0.00841	0.00842	0.00842	270242.3	235025.1	223273.5	123282.7
1121.4	0.00837	0.00838	0.00839	0.0084	271355.1	235994.6	224190.9	123788.1
1121.9	0.00830	0.00826	0.00829	0.00828	272455.9	236948.2	225099.1	124285.4
1122.4	0.00817	0.00819	0.00817	0.00817	273548.4	237900.5	226000.3	124782.3
1122.9	0.00811	0.00812	0.00813	0.00813	274638.6	238844.3	226910.9	125281.5
1123.4	0.00810	0.00809	0.00808	0.00809	275747.4	239810.9	227825.8	125786.5
1123.9	0.00807	0.00806	0.00808	0.00808	276863.1	240777.1	228746	126298
1124.4	0.00812	0.00813	0.00814	0.00815	277991.9	241760.5	229688.5	126818.9
1124.9	0.00811	0.00816	0.00813	0.00813	279173.9	242797	230663.8	127352.6
1125.4	0.00829	0.00830	0.00832	0.00834	280375.1	243843.8	231654.6	127907.3
1125.9	0.00849	0.00849	0.00848	0.00848	281616	244919.3	232678.9	128468.5
1126.4	0.00853	0.00855	0.00854	0.00854	282835.2	245969.6	233684.9	129023.2

1126.9	0.00854	0.00858	0.00856	0.00855	284042.4	247029.9	234687.7	129578.1
1127.4	0.00856	0.00858	0.00857	0.00859	285252.4	248087.6	235692	130135.1
1127.9	0.00852	0.00854	0.00851	0.00852	286477.8	249140.6	236697.6	130687.5
1128.4	0.00850	0.00851	0.00849	0.00847	287663.3	250188.7	237680.9	131231.2
1128.9	0.00845	0.00846	0.00844	0.00842	288864.4	251232.3	238677.7	131779.3
1129.4	0.00838	0.00837	0.00840	0.00837	290075.1	252278.5	239671	132329.1
1129.9	0.00838	0.00838	0.00839	0.00836	291289.1	253333.6	240678.8	132883.9
1130.4	0.00840	0.00839	0.00840	0.00840	292507.5	254398.3	241689.8	133444.1
1130.9	0.00836	0.00836	0.00840	0.00839	293747	255487.5	242717.8	134008.2
1131.4	0.00842	0.00844	0.00844	0.00841	294980.8	256553.3	243741.9	134576.2
1131.9	0.00843	0.00844	0.00843	0.00845	296224	257634.1	244762	135136.6
1132.4	0.00837	0.00837	0.00837	0.00836	297447.4	258702.9	245776.7	135697.7
1132.9	0.00832	0.00829	0.00831	0.00830	298655.4	259759.9	246777.7	136249.1
1133.4	0.00826	0.00826	0.00827	0.00827	299883.2	260823.7	247790.7	136812.6
1133.9	0.00825	0.00826	0.00827	0.00828	301147.2	261925.1	248833.3	137387
1134.4	0.00835	0.00832	0.00834	0.00833	302428.4	263035.8	249891	137966.4
1134.9	0.00842	0.00844	0.00842	0.00843	303719.8	264161.3	250956.5	138554
1135.4	0.00841	0.00843	0.00843	0.00842	305014.3	265282.8	252036.8	139146.5
1135.9	0.00847	0.00846	0.00846	0.00847	306308.6	266411.2	253105.2	139736.2
1136.4	0.00848	0.00847	0.00848	0.00849	307601.7	267531.6	254172	140328.8
1136.9	0.00841	0.00842	0.00843	0.00844	308881.8	268646.9	255240.3	140919.1
1137.4	0.00834	0.00838	0.00836	0.00835	310145.8	269755.3	256283.5	141489.9
1137.9	0.00830	0.00831	0.00833	0.00834	311416.9	270863.1	257332	142076.9
1138.4	0.00825	0.00825	0.00824	0.00823	312699.9	271975.3	258391.2	142657.1
1138.9	0.00821	0.00823	0.00822	0.00822	313990.8	273087.5	259456.4	143244.4
1139.4	0.00825	0.00828	0.00826	0.00826	315289.4	274227.9	260534.9	143841.3
1139.9	0.00824	0.00826	0.00825	0.00827	316599.8	275373.3	261622.5	144444.5
1140.4	0.00825	0.00827	0.00825	0.00826	317911	276500.4	262698.9	145035.7
1140.9	0.00827	0.00828	0.00826	0.00825	319221	277657.8	263785.3	145636.4
1141.4	0.00829	0.00830	0.00828	0.00826	320576.5	278835.9	264910.3	146255.1
1141.9	0.00834	0.00833	0.00836	0.00832	321933.7	280009.6	266024.5	146871.7
1142.4	0.00844	0.00844	0.00845	0.00842	323316.7	281211.8	267172.5	147503.7
1142.9	0.00845	0.00845	0.00846	0.00845	324693.6	282415	268315	148136.5
1143.4	0.00841	0.00841	0.00845	0.00844	326031.4	283590.6	269424.9	148745.5
1143.9	0.00840	0.00842	0.00842	0.00839	327391.5	284766.1	270553.8	149371.5
1144.4	0.00833	0.00835	0.00833	0.00835	328750.5	285948	271669.7	149984.5
1144.9	0.00831	0.00831	0.00831	0.00830	330087.1	287115.8	272778.4	150597.4
1145.4	0.00829	0.00826	0.00828	0.00827	331434.3	288294.3	273894.8	151212.4
1145.9	0.00819	0.00819	0.00820	0.00820	332791.5	289470.9	275015.1	151835.3
1146.4	0.00817	0.00818	0.00819	0.00820	334143.1	290649	276130.5	152449.6
1146.9	0.00823	0.00820	0.00823	0.00822	335545.1	291864.7	277288	153084
1147.4	0.00822	0.00825	0.00823	0.00823	336956.2	293094.7	278452.8	153726.2
1147.9	0.00828	0.00830	0.00831	0.00830	338351.9	294304.4	279617.7	154365.1
1148.4	0.00835	0.00835	0.00835	0.00835	339803.4	295569.8	280816.1	155026.5
1148.9	0.00838	0.00838	0.00839	0.00839	341237.4	296812.9	281999.8	155683.7
1149.4	0.00841	0.00842	0.00843	0.00844	342670.4	298061.7	283195.5	156344.2
1149.9	0.00841	0.00846	0.00843	0.00843	344132.9	299343.5	284402.9	157005.3
1150.4	0.00841	0.00842	0.00843	0.00845	345565.6	300592.3	285585.3	157666.5
1150.9	0.00836	0.00837	0.00836	0.00835	346976.4	301815.8	286750.5	158304.9

1151.4	0.00828	0.00829	0.00829	0.00829	348408.9	303050.6	287932.8	158956.8
1151.9	0.00823	0.00826	0.00824	0.00824	349818.2	304288	289103.4	159604.5
1152.4	0.00815	0.00817	0.00816	0.00818	351214.3	305508.7	290262.6	160247.2
1152.9	0.00814	0.00816	0.00814	0.00814	352662.6	306754.5	291452	160900.7
1153.4	0.00814	0.00815	0.00813	0.00812	354109.3	308032.2	292652	161564
1153.9	0.00822	0.00823	0.00821	0.00819	355583.8	309314.1	293876	162237.1
1154.4	0.00829	0.00828	0.00831	0.00827	357105.1	310630.3	295125.8	162928.5
1154.9	0.00838	0.00838	0.00840	0.00837	358641.8	311966.5	296401.5	163630.8
1155.4	0.00841	0.00840	0.00842	0.00841	360138	313274.2	297643.4	164318.4
1155.9	0.00840	0.00841	0.00844	0.00843	361649.4	314601.6	298897.2	165006.7
1156.4	0.00837	0.00839	0.00839	0.00836	363161.1	315908.9	300152.2	165702.3
1156.9	0.00835	0.00836	0.00835	0.00837	364651.9	317205.7	301377	166375.1
1157.4	0.00828	0.00829	0.00829	0.00828	366123.6	318491.4	302597.8	167049.9
1157.9	0.00820	0.00817	0.00820	0.00819	367617.1	319797.9	303835.7	167731.8
1158.4	0.00817	0.00817	0.00818	0.00818	369087.3	321072.8	305049.8	168406.5
1158.9	0.00809	0.00810	0.00811	0.00812	370550.8	322348.6	306257.7	169071.8
1159.4	0.00801	0.00798	0.00801	0.00800	372018.9	323621.9	307470.4	169736.1
1159.9	0.00791	0.00794	0.00792	0.00792	373455.2	324874.4	308656.4	170389.8
1160.4	0.00786	0.00787	0.00788	0.00787	374903.2	326129.5	309865.4	171052.8
1160.9	0.00787	0.00786	0.00786	0.00787	376400.8	327435.6	311102.3	171735.3
1161.4	0.00791	0.00791	0.00792	0.00792	377927.6	328759.8	312363.3	172435.1
1161.9	0.00807	0.00808	0.00809	0.00810	379516.4	330144.5	313688.8	173167.1
1162.4	0.00820	0.00825	0.00823	0.00822	381167.2	331591.3	315052.6	173914
1162.9	0.00835	0.00836	0.00838	0.00839	382792.5	333008.4	316394.9	174663.6
1163.4	0.00844	0.00845	0.00845	0.00844	384425.3	334425.2	317744.2	175403.1
1163.9	0.00838	0.00839	0.00839	0.00839	386021	335802.3	319062.3	176129.6
1164.4	0.00831	0.00834	0.00833	0.00832	387592.1	337181.7	320367.6	176851.5
1164.9	0.00828	0.00830	0.00829	0.00831	389175.3	338565.7	321682.3	177579.9
1165.4	0.00818	0.00820	0.00818	0.00819	390763.1	339932.8	322987.3	178296.8
1165.9	0.00814	0.00815	0.00814	0.00812	392287.6	341279.7	324252.5	178996
1166.4	0.00807	0.00809	0.00807	0.00805	393855.8	342643.2	325554.5	179712
1166.9	0.00797	0.00797	0.00799	0.00796	395409.9	343987.8	326831.4	180418.3
1167.4	0.00793	0.00794	0.00795	0.00792	396936.9	345315.9	328099.9	181116.3
1167.9	0.00787	0.00786	0.00788	0.00787	398470	346656.2	329372.8	181821.1
1168.4	0.00773	0.00774	0.00777	0.00776	399988.2	347990.8	330633.2	182512.6
1168.9	0.00772	0.00774	0.00774	0.00771	401514.8	349311.2	331901.4	183215.4
1169.4	0.00777	0.00779	0.00778	0.00779	403131.4	350717.8	333230.3	183945.3
1169.9	0.00784	0.00785	0.00785	0.00784	404736.6	352120.8	334562.7	184681.4
1170.4	0.00793	0.00791	0.00793	0.00792	406382.2	353560.8	335927.4	185432.8
1170.9	0.00804	0.00804	0.00805	0.00805	408082.5	355036.3	337332.4	186212.9
1171.4	0.00816	0.00818	0.00819	0.00819	409797.8	356532	338749.3	186993.1
1171.9	0.00822	0.00820	0.00822	0.00821	411501.3	358010.7	340157.5	187764.8
1172.4	0.00825	0.00827	0.00826	0.00826	413186	359480	341549.4	188531.9
1172.9	0.00815	0.00817	0.00818	0.00816	414851.3	360924.6	342939.5	189294.4
1173.4	0.00814	0.00814	0.00814	0.00814	416528.9	362388.2	344326.1	190059.2
1173.9	0.00813	0.00812	0.00814	0.00813	418203	363840.5	345708.9	190826.5
1174.4	0.00804	0.00806	0.00806	0.00807	419845	365272	347079.4	191583.3
1174.9	0.00792	0.00796	0.00795	0.00794	421473.5	366700.1	348425	192319.8
1175.4	0.00789	0.00790	0.00792	0.00793	423108.3	368125.6	349775.2	193074.2

1175.9	0.00786	0.00786	0.00786	0.00785	424815.3	369607.2	351186.1	193847.4
1176.4	0.00795	0.00797	0.00797	0.00796	426555.2	371109.6	352623.9	194639.8
1176.9	0.00803	0.00807	0.00805	0.00804	428093.7	372461.6	353910.7	195349.7
1177.4	0.00713	0.00715	0.00719	0.00719	429017.2	373272.8	354715.6	195789.3
1177.9	0.00563	0.00565	0.00576	0.00571	429428.7	373616.6	355103.4	195987.7
1178.4	0.00397	0.00398	0.00418	0.00408	429469.6	373674.8	355213	196033.8
1178.9	0.00231	0.00233	0.00260	0.00247	429225.9	373463.9	355099.5	195950.4
1179.4	0.00091	0.00091	0.00129	0.00112	428790.3	373079.5	354821.7	195779
1179.9	-0.00026	-0.00025	0.00017	-1.99E-05	428217.1	372582.9	354450.3	195550.9
1180.4	-0.00129	-0.00129	-0.00081	-0.00100	427501.8	371970.7	353965.4	195263.6
1180.9	-0.00212	-0.00210	-0.00157	-0.00178	426680.5	371274.1	353395.2	194921.9
1181.4	-0.00276	-0.00273	-0.00220	-0.00244	425810.5	370513.1	352787.3	194566.3
1181.9	-0.00335	-0.00332	-0.00278	-0.00299	424878.7	369707.5	352115.4	194168.5
1182.4	-0.00373	-0.00370	-0.00314	-0.00338	423919.5	368884.9	351434.5	193769.9
1182.9	-0.00394	-0.00394	-0.00335	-0.00360	422999.3	368098.6	350784.8	193385.9
1183.4	-0.00411	-0.00408	-0.00349	-0.00374	422085.4	367306.3	350135.2	193008.4
1183.9	-0.00423	-0.00418	-0.00359	-0.00383	421122.6	366479.3	349444.2	192601.5
1184.4	-0.00430	-0.00428	-0.00368	-0.00394	420195	365676.5	348782.2	192207
1184.9	-0.00441	-0.00435	-0.00378	-0.00403	419242.9	364860.3	348098.6	191805.2
1185.4	-0.00450	-0.00445	-0.00386	-0.00412	418244	363996	347389.3	191385.6
1185.9	-0.00453	-0.00449	-0.00392	-0.00417	417269.7	363161.8	346685.1	190973.6
1186.4	-0.00463	-0.00458	-0.00401	-0.00425	416280.3	362307.3	345966.7	190558.3
1186.9	-0.00467	-0.00461	-0.00405	-0.00428	415268.5	361441	345242.5	190136.3
1187.4	-0.00474	-0.00464	-0.00412	-0.00437	414277.3	360601.4	344520.1	189709.1
1187.9	-0.00477	-0.00470	-0.00415	-0.00438	413279	359748.3	343789.9	189293
1188.4	-0.00477	-0.00470	-0.00417	-0.00443	412299	358905	343074.4	188870.7
1188.9	-0.00471	-0.00462	-0.00410	-0.00435	411374.8	358103	342403.3	188477.5
1189.4	-0.00465	-0.00454	-0.00404	-0.00429	410476.2	357348.8	341760.3	188102.3
1189.9	-0.00450	-0.00440	-0.00391	-0.00414	409599.8	356608.7	341133.8	187737.8
1190.4	-0.00440	-0.00430	-0.00382	-0.00406	408749.6	355870.1	340513.6	187370.7
1190.9	-0.00435	-0.00425	-0.00378	-0.00404	407863.4	355136.8	339875.1	186998.1
1191.4	-0.00432	-0.00422	-0.00376	-0.00402	406985.8	354389.7	339242.9	186625.5
1191.9	-0.00430	-0.00420	-0.00372	-0.00399	406133.6	353658.4	338616.4	186260.8
1192.4	-0.00430	-0.00419	-0.00373	-0.00400	405266.8	352922.2	337990.4	185892.9
1192.9	-0.00428	-0.00418	-0.00373	-0.00396	404410.5	352202.8	337371.3	185533.3
1193.4	-0.00421	-0.00410	-0.00364	-0.00387	403602.1	351532.7	336789.9	185188.5
1193.9	-0.00409	-0.00396	-0.00354	-0.00380	402850.4	350891.1	336255.3	184876.7
1194.4	-0.00396	-0.00383	-0.00343	-0.00365	402097.6	350257.4	335704.9	184549.8
1194.9	-0.00385	-0.00373	-0.00333	-0.00357	401348.2	349632.9	335168.3	184235.3
1195.4	-0.00379	-0.00369	-0.00328	-0.00352	400587.6	349001.3	334619.9	183912
1195.9	-0.00383	-0.00370	-0.00332	-0.00354	399820.7	348352.8	334060	183588.9
1196.4	-0.00380	-0.00366	-0.00329	-0.00350	399066.2	347722.6	333508.3	183264.3
1196.9	-0.00381	-0.00370	-0.00332	-0.00355	398310.6	347085.3	332955	182935.5
1197.4	-0.00382	-0.00365	-0.00332	-0.00354	397539.2	346441.9	332386.5	182602.9
1197.9	-0.00384	-0.00369	-0.00335	-0.00357	396779.2	345800.9	331839.8	182279.1
1198.4	-0.00383	-0.00369	-0.00337	-0.00357	396020.7	345170.2	331279.5	181952.2
1198.9	-0.00382	-0.00368	-0.00336	-0.00356	395254	344525.1	330710.5	181625
1199.4	-0.00382	-0.00366	-0.00335	-0.00355	394500.6	343899.1	330164.8	181307.4
1199.9	-0.00385	-0.00365	-0.00338	-0.00359	393775.8	343306.8	329628.3	180988.6

1200.4	-0.00374	-0.00356	-0.00327	-0.00346	393089.9	342741.6	329122.8	180701.9
1200.9	-0.00357	-0.00339	-0.00313	-0.00334	392462	342220.3	328664.9	180427.5
1201.4	-0.00351	-0.00332	-0.00307	-0.00327	391809.4	341670.6	328184.8	180145.3
1201.9	-0.00345	-0.00324	-0.00301	-0.00322	391135.5	341127	327693.3	179859.4
1202.4	-0.00340	-0.00320	-0.00298	-0.00316	390501.3	340612.7	327232.9	179592.4
1202.9	-0.00331	-0.00311	-0.00290	-0.00309	389934.2	340136.2	326813.8	179342
1203.4	-0.00312	-0.00292	-0.00272	-0.00293	389382.6	339709	326419.2	179109.4
1203.9	-0.00297	-0.00276	-0.00258	-0.00279	388843.7	339271.9	326034.5	178879
1204.4	-0.00293	-0.00274	-0.00252	-0.00275	388325.7	338847.1	325652.6	178654.6
1204.9	-0.00283	-0.00262	-0.00243	-0.00265	387786.7	338411.6	325265.9	178424.1
1205.4	-0.00281	-0.00261	-0.00243	-0.00262	387238.4	337975	324869.2	178192.8
1205.9	-0.00287	-0.00266	-0.00247	-0.00266	386662.1	337521.4	324447.2	177941.6
1206.4	-0.00290	-0.00267	-0.00252	-0.00273	386081.4	337043.3	324021.1	177695.3
1206.9	-0.00293	-0.00270	-0.00257	-0.00273	385511.7	336582.9	323589.2	177439.9
1207.4	-0.00299	-0.00276	-0.00264	-0.00282	384907.1	336098.8	323139.4	177179.1
1207.9	-0.00296	-0.00277	-0.00263	-0.00281	384324.5	335636.2	322705.8	176924.9
1208.4	-0.00302	-0.00280	-0.00268	-0.00286	383736.6	335157.4	322261.4	176671.5
1208.9	-0.00305	-0.00281	-0.00271	-0.00287	383151.2	334688.4	321817.6	176412.2
1209.4	-0.00302	-0.00282	-0.00271	-0.00288	382571	334217.9	321377.9	176151.8
1209.9	-0.00304	-0.00278	-0.00272	-0.00289	382018	333778.4	320959.1	175907.4
1210.4	-0.00295	-0.00270	-0.00263	-0.00280	381514.2	333375.1	320594.6	175689.3
1210.9	-0.00278	-0.00254	-0.00249	-0.00264	381034.2	333001	320235.7	175478.5
1211.4	-0.00265	-0.00241	-0.00236	-0.00251	380571.9	332634.9	319889.9	175279.6
1211.9	-0.00263	-0.00236	-0.00232	-0.00247	380087.9	332257.5	319538.9	175074.3
1212.4	-0.00257	-0.00228	-0.00227	-0.00244	379610.1	331893.9	319178.8	174857.8
1212.9	-0.00255	-0.00228	-0.00225	-0.00239	379121.7	331513.6	318808	174650.6
1213.4	-0.00258	-0.00231	-0.00231	-0.00247	378626.3	331121.1	318431.1	174426.2
1213.9	-0.00265	-0.00237	-0.00238	-0.00253	378119.2	330711.1	318042.8	174200
1214.4	-0.00265	-0.00235	-0.00238	-0.00253	377604.3	330318.3	317654.5	173976.4
1214.9	-0.00269	-0.00240	-0.00243	-0.00256	377089.4	329920.4	317264.6	173753.5
1215.4	-0.00270	-0.00241	-0.00246	-0.00260	376568.9	329497.1	316855.6	173514.2
1215.9	-0.00275	-0.00247	-0.00252	-0.00268	376016.8	329080.6	316431.3	173271
1216.4	-0.00279	-0.00250	-0.00256	-0.00272	375514	328687.3	316048.7	173047.1
1216.9	-0.00269	-0.00241	-0.00244	-0.00261	375049.9	328321.9	315684.5	172837.6
1217.4	-0.00260	-0.00231	-0.00237	-0.00253	374594.2	327970.7	315340	172635.6
1217.9	-0.00256	-0.00227	-0.00233	-0.00247	374133.2	327622.3	314990	172434.9
1218.4	-0.00252	-0.00223	-0.00228	-0.00241	373652.7	327263.8	314622.3	172218.5
1218.9	-0.00251	-0.00220	-0.00228	-0.00244	373186.6	326897.3	314266.5	172015.8
1219.4	-0.00252	-0.00220	-0.00230	-0.00242	372748.4	326563.6	313920.4	171812.2
1219.9	-0.00246	-0.00215	-0.00226	-0.00239	372261	326192.8	313544.5	171596.6
1220.4	-0.00249	-0.00221	-0.00229	-0.00243	371791.2	325839.4	313181.4	171385.9
1220.9	-0.00253	-0.00222	-0.00233	-0.00246	371314.1	325468.6	312806.9	171175.3
1221.4	-0.00258	-0.00225	-0.00237	-0.00249	370805.2	325077.1	312404.5	170943.2
1221.9	-0.00258	-0.00229	-0.00240	-0.00253	370323.7	324703.3	312025.2	170720.6
1222.4	-0.00263	-0.00229	-0.00244	-0.00257	369854.5	324347.4	311655.3	170507.4
1222.9	-0.00259	-0.00226	-0.00239	-0.00252	369394.4	323992.5	311306.2	170302.1
1223.4	-0.00243	-0.00211	-0.00226	-0.00237	369017.4	323718.4	311013.3	170131.9
1223.9	-0.00231	-0.00199	-0.00213	-0.00225	368659	323453.6	310735.3	169974
1224.4	-0.00217	-0.00183	-0.00199	-0.00209	368271.1	323169.9	310445.5	169806.3

1224.9	-0.00214	-0.00177	-0.00196	-0.00208	367897.7	322906.7	310154.1	169631.8
1225.4	-0.00218	-0.00183	-0.00199	-0.00209	367485.4	322602.2	309829.2	169453.6
1225.9	-0.00217	-0.00183	-0.00201	-0.00213	367052.2	322272.9	309486.9	169252.2
1226.4	-0.00229	-0.00194	-0.00212	-0.00224	366605.8	321924.8	309132.6	169048.5
1226.9	-0.00242	-0.00204	-0.00224	-0.00236	366109.6	321556.9	308743.9	168828.3
1227.4	-0.00250	-0.00214	-0.00234	-0.00243	365606.5	321177.1	308348	168605.8
1227.9	-0.00262	-0.00225	-0.00246	-0.00257	365094.7	320769.1	307931.2	168366
1228.4	-0.00274	-0.00238	-0.00259	-0.00271	364536.2	320354.4	307487.3	168115.4
1228.9	-0.00282	-0.00246	-0.00268	-0.00280	363973.5	319915.5	307040.1	167859.9
1229.4	-0.00292	-0.00258	-0.00276	-0.00289	363428.8	319486	306594.9	167609.5
1229.9	-0.00303	-0.00267	-0.00287	-0.00300	362837.5	319022.7	306123.9	167341.6
1230.4	-0.00310	-0.00275	-0.00295	-0.00306	362241.1	318561.7	305647.9	167075.3
1230.9	-0.00314	-0.00278	-0.00296	-0.00306	361673.6	318132.9	305195.8	166815.9
1231.4	-0.00313	-0.00275	-0.00296	-0.00309	361112.4	317689.6	304750.1	166566.7
1231.9	-0.00309	-0.00271	-0.00294	-0.00302	360568.4	317269	304305.7	166312.3
1232.4	-0.00309	-0.00272	-0.00294	-0.00305	359992	316825.8	303846.3	166053.8
1232.9	-0.00318	-0.00284	-0.00303	-0.00315	359378.1	316351.5	303354.4	165775.2
1233.4	-0.00325	-0.00288	-0.00309	-0.00319	358757.3	315859.8	302852.2	165497
1233.9	-0.00333	-0.00295	-0.00316	-0.00325	358137.1	315375.4	302350.2	165213
1234.4	-0.00339	-0.00304	-0.00324	-0.00335	357526.5	314893.4	301857.5	164930.5
1234.9	-0.00338	-0.00299	-0.00322	-0.00332	356925.2	314426.2	301372.4	164656.3
1235.4	-0.00340	-0.00301	-0.00322	-0.00333	356306.7	313936.5	300886.4	164378.3
1235.9	-0.00343	-0.00305	-0.00327	-0.00337	355706.9	313471.2	300403.8	164106
1236.4	-0.00336	-0.00299	-0.00319	-0.00329	355106.7	312998.1	299920.8	163837.7
1236.9	-0.00337	-0.00298	-0.00319	-0.00328	354518	312541.9	299461.2	163578.8
1237.4	-0.00341	-0.00299	-0.00322	-0.00333	353893.3	312061.7	298958.8	163290.4
1237.9	-0.00346	-0.00307	-0.00326	-0.00335	353241.5	311550.1	298433.6	163003.7
1238.4	-0.00355	-0.00316	-0.00337	-0.00348	352585.5	311028.3	297906.1	162702.2
1238.9	-0.00372	-0.00331	-0.00353	-0.00363	351873.2	310449.7	297331.2	162378.9
1239.4	-0.00387	-0.00344	-0.00367	-0.00377	351121	309858.7	296730.6	162043.9
1239.9	-0.00401	-0.00360	-0.00381	-0.00390	350365.1	309258.6	296126.5	161708.4
1240.4	-0.00418	-0.00377	-0.00399	-0.00409	349585.7	308617.7	295490.4	161349.3
1240.9	-0.00428	-0.00387	-0.00408	-0.00421	348759.2	307968.5	294827	160979.4
1241.4	-0.00445	-0.00405	-0.00426	-0.00438	347919.5	307287.3	294153.8	160600.7
1241.9	-0.00463	-0.00424	-0.00440	-0.00454	347058.6	306581	293450.3	160209.4
1242.4	-0.00480	-0.00439	-0.00457	-0.00470	346177	305863.1	292743.2	159812.8
1242.9	-0.00487	-0.00447	-0.00464	-0.00476	345322	305175.3	292058.7	159432.5
1243.4	-0.00492	-0.00452	-0.00466	-0.00478	344451.7	304480.7	291361.5	159039.3
1243.9	-0.00489	-0.00447	-0.00465	-0.00479	343612.3	303792.9	290691.7	158667.6
1244.4	-0.00494	-0.00452	-0.00470	-0.00480	342744.9	303087.8	289985.8	158270.3
1244.9	-0.00504	-0.00463	-0.00480	-0.00492	341821.4	302339	289245.3	157858
1245.4	-0.00513	-0.00475	-0.00489	-0.00501	340907.7	301600.1	288512.3	157447.5
1245.9	-0.00529	-0.00488	-0.00503	-0.00515	339952.6	300813.4	287740.2	157021.6
1246.4	-0.00544	-0.00502	-0.00517	-0.00528	338972.5	300011.4	286947.4	156578.3
1246.9	-0.00552	-0.00513	-0.00526	-0.00539	338012.8	299220.8	286172.8	156141.7
1247.4	-0.00555	-0.00511	-0.00527	-0.00539	337108.3	298485.5	285445.2	155734.7
1247.9	-0.00549	-0.00505	-0.00519	-0.00532	336202.6	297742.3	284730.2	155331.1
1248.4	-0.00540	-0.00498	-0.00513	-0.00524	335317.6	297024.6	284020.5	154934.5
1248.9	-0.00537	-0.00495	-0.00508	-0.00520	334409.6	296279.1	283291.2	154531.2

1249.4	-0.00546	-0.00503	-0.00516	-0.00527	333449.7	295494	282531.4	154107.8
1249.9	-0.00559	-0.00513	-0.00528	-0.00541	332464.8	294693.7	281738.2	153660.4
1250.4	-0.00577	-0.00534	-0.00545	-0.00556	331436.7	293847.9	280908.3	153206.8
1250.9	-0.00598	-0.00555	-0.00568	-0.00581	330369.8	292961.3	280046.7	152722.7
1251.4	-0.00621	-0.00577	-0.00590	-0.00602	329252.3	292022.5	279142.3	152219.2
1251.9	-0.00646	-0.00599	-0.00613	-0.00626	328115.5	291088.6	278228.9	151713.2
1252.4	-0.00665	-0.00620	-0.00632	-0.00643	326954.3	290127.4	277294.7	151197
1252.9	-0.00684	-0.00638	-0.00652	-0.00663	325760.9	289117.9	276321	150653.6
1253.4	-0.00706	-0.00661	-0.00674	-0.00688	324527.5	288104.9	275325.3	150102.1
1253.9	-0.00729	-0.00684	-0.00696	-0.00711	323273.8	287054.2	274313.5	149538.5
1254.4	-0.00746	-0.00703	-0.00711	-0.00727	321996.9	285976.4	273269.9	148961.5
1254.9	-0.00767	-0.00723	-0.00732	-0.00748	320705.3	284891.7	272226.8	148381.6
1255.4	-0.00785	-0.00742	-0.00750	-0.00763	319385.8	283788.4	271159.9	147792.6
1255.9	-0.00799	-0.00755	-0.00761	-0.00774	318056.5	282682.7	270084.7	147193.3
1256.4	-0.00812	-0.00766	-0.00775	-0.00791	316740	281568.6	269021.3	146606.8
1256.9	-0.00816	-0.00769	-0.00779	-0.00791	315477.9	280510.1	267992.4	146033.2
1257.4	-0.00801	-0.00755	-0.00764	-0.00778	314255.8	279492.7	267009.3	145488.5
1257.9	-0.00786	-0.00744	-0.00749	-0.00764	313059.9	278499.7	266047.6	144953.3
1258.4	-0.00785	-0.00739	-0.00746	-0.00759	311836.8	277471.6	265058.7	144408.9
1258.9	-0.00788	-0.00741	-0.00747	-0.00760	310579.8	276419.5	264040.9	143843.1
1259.4	-0.00795	-0.00752	-0.00756	-0.00771	309315.3	275354.2	263017.5	143271.1
1259.9	-0.00812	-0.00763	-0.00772	-0.00785	308000.5	274250.2	261951.4	142679.6
1260.4	-0.00832	-0.00784	-0.00790	-0.00804	306646.3	273103.8	260864.1	142073.5
1260.9	-0.00849	-0.00804	-0.00810	-0.00823	305288.9	271961.2	259762.2	141463.3
1261.4	-0.00871	-0.00825	-0.00830	-0.00843	303892.3	270776.5	258626.7	140838.6
1261.9	-0.00890	-0.00842	-0.00847	-0.00859	302451.1	269557.9	257465.7	140196.9
1262.4	-0.00920	-0.00869	-0.00876	-0.00891	300998.1	268335.3	256282.6	139537.6
1262.9	-0.00940	-0.00892	-0.00895	-0.00907	299508.7	267073.1	255068.2	138874.4
1263.4	-0.00959	-0.00912	-0.00916	-0.00932	297993.7	265781.6	253832.8	138187.4
1263.9	-0.00987	-0.00938	-0.00943	-0.00957	296460.3	264466.6	252581.3	137495.5
1264.4	-0.01	-0.00961	-0.00967	-0.00981	294875	263126.2	251292.6	136785.3
1264.9	-0.01	-0.00980	-0.00984	-0.00997	293293.3	261783.3	250006.2	136077.8
1265.4	-0.01	-0.01	-0.01	-0.01	291718.2	260427.3	248713.6	135361.5
1265.9	-0.01	-0.01	-0.01	-0.01	290152.3	259110.1	247440.3	134659.3
1266.4	-0.01	-0.01	-0.01	-0.01	288659.1	257838.9	246229.6	133988.1
1266.9	-0.01	-0.00998	-0.00997	-0.01	287191.6	256584.3	245028.9	133326.2
1267.4	-0.01	-0.00994	-0.00994	-0.01	285684.3	255299.9	243806.3	132649.3
1267.9	-0.01	-0.00996	-0.00996	-0.01	284167.8	254012.8	242575.5	131971.6
1268.4	-0.01	-0.01	-0.01	-0.01	282616.5	252700.2	241314.5	131272.2
1268.9	-0.01	-0.01	-0.01	-0.01	281030.8	251337.9	240024.7	130563.1
1269.4	-0.01	-0.01	-0.01	-0.01	279412.1	249952.1	238694.8	129827
1269.9	-0.01	-0.01	-0.01	-0.01	277759.3	248540.7	237346.7	129084.6
1270.4	-0.01	-0.01	-0.01	-0.01	276068.6	247096.1	235965	128321.8
1270.9	-0.01	-0.01	-0.01	-0.01	274367.2	245631.3	234569.7	127557.2
1271.4	-0.01	-0.01	-0.01	-0.01	272646.1	244154.2	233157.1	126777.9
1271.9	-0.01	-0.01	-0.01	-0.01	270889.6	242639.1	231714.6	125979.4
1272.4	-0.01	-0.01	-0.01	-0.01	269114.1	241112.2	230255.1	125175.3
1272.9	-0.01	-0.01	-0.01	-0.01	267319.7	239561.4	228790.9	124365.9
1273.4	-0.01	-0.01	-0.01	-0.01	265505.8	237999.1	227298.3	123544.5

1273.9	-0.01	-0.01	-0.01	-0.01	263664.9	236405.5	225781.8	122713.9
1274.4	-0.01	-0.01	-0.01	-0.01	261836.8	234828.8	224287.6	121892.5
1274.9	-0.01	-0.01	-0.01	-0.01	260012.5	233261.2	222785	121061.4
1275.4	-0.01	-0.01	-0.01	-0.01	258189.3	231687.8	221282.7	120242.8
1275.9	-0.01	-0.01	-0.01	-0.01	256382.8	230123	219794.8	119420.5
1276.4	-0.01	-0.01	-0.01	-0.01	254570.2	228546	218301.1	118598.6
1276.9	-0.01	-0.01	-0.01	-0.01	252746.8	226978.5	216804.3	117777
1277.4	-0.01	-0.01	-0.01	-0.01	250942.3	225422.4	215322.5	116964.8
1277.9	-0.01	-0.01	-0.01	-0.01	249109.2	223822.4	213804.5	116128
1278.4	-0.01	-0.01	-0.01	-0.01	247238.8	222216.9	212264.6	115282.9
1278.9	-0.01	-0.01	-0.01	-0.01	245364.5	220589.8	210721.3	114433.1
1279.4	-0.01	-0.01	-0.01	-0.01	243468.2	218936.6	209147.5	113570.3
1279.9	-0.01	-0.01	-0.01	-0.01	241556.8	217274.8	207571.5	112703.5
1280.4	-0.01	-0.01	-0.01	-0.01	239619.7	215594.5	205972.3	111827.7
1280.9	-0.01	-0.01	-0.01	-0.01	237640	213880.6	204335.6	110926.7
1281.4	-0.01	-0.01	-0.01	-0.01	235669.9	212157.7	202707	110035.7
1281.9	-0.01	-0.01	-0.01	-0.01	233718.9	210457.1	201083.4	109142.6
1282.4	-0.01	-0.01	-0.01	-0.01	231758.9	208752.6	199461.5	108253.8
1282.9	-0.01	-0.01	-0.01	-0.01	229831.5	207077.7	197865.9	107377.6
1283.4	-0.01	-0.01	-0.01	-0.01	227908.3	205396.5	196269.4	106505.9
1283.9	-0.01	-0.01	-0.01	-0.01	225957.7	203695.2	194648.2	105616.1
1284.4	-0.01	-0.01	-0.01	-0.01	223997.9	201979.5	193018.9	104719.2
1284.9	-0.01	-0.01	-0.01	-0.01	222008.9	200241.9	191363.3	103811.6
1285.4	-0.01	-0.01	-0.01	-0.01	219985.4	198466.4	189687.6	102890.5
1285.9	-0.01	-0.01	-0.01	-0.01	217963.4	196697.2	188002	101967.4
1286.4	-0.01	-0.01	-0.01	-0.01	215914.5	194897	186292.1	101034.4
1286.9	-0.01	-0.01	-0.01	-0.01	213823.4	193062.9	184555.2	100084.3
1287.4	-0.01	-0.01	-0.01	-0.01	211727.1	191228.9	182802.4	99121.1
1287.9	-0.01	-0.01	-0.01	-0.01	209608.7	189368.2	181029.4	98158.08
1288.4	-0.01	-0.01	-0.01	-0.01	207469.4	187482.4	179237.7	97174.59
1288.9	-0.01	-0.01	-0.01	-0.01	205313.6	185575	177430.4	96186.02
1289.4	-0.01	-0.01	-0.01	-0.01	203136.8	183665.5	175609.8	95192.09
1289.9	-0.01	-0.01	-0.01	-0.01	200964.7	181754.6	173791.3	94200.63
1290.4	-0.01	-0.01	-0.01	-0.01	198788.9	179823.6	171958.5	93196.95
1290.9	-0.01	-0.01	-0.01	-0.01	196623.6	177926.7	170143.1	92205.98
1291.4	-0.01	-0.01	-0.01	-0.01	194472.6	176026	168339.1	91218.87
1291.9	-0.01	-0.01	-0.01	-0.01	192326.1	174123.5	166528.2	90231.18
1292.4	-0.01	-0.01	-0.01	-0.01	190168.4	172214.7	164716.1	89240.57
1292.9	-0.01	-0.01	-0.01	-0.01	187986.5	170287.7	162881.5	88240.9
1293.4	-0.01	-0.01	-0.01	-0.01	185789.5	168350.8	161032.3	87229.05
1293.9	-0.01	-0.01	-0.01	-0.01	183582.7	166388.6	159173.6	86217.22
1294.4	-0.01	-0.01	-0.01	-0.01	181370.8	164426	157299.5	85192.84
1294.9	-0.01	-0.01	-0.01	-0.01	179127.1	162437.6	155405.3	84160.77
1295.4	-0.01	-0.01	-0.01	-0.01	176897.5	160461.5	153521	83132.55
1295.9	-0.01	-0.01	-0.01	-0.01	174648.8	158458.8	151615.2	82097.23
1296.4	-0.01	-0.01	-0.01	-0.01	172398.4	156457.8	149706.1	81056.02
1296.9	-0.01	-0.01	-0.01	-0.01	170154.1	154456.5	147801.2	80014.99
1297.4	-0.01	-0.01	-0.01	-0.01	167898.6	152448.3	145884.7	78970.73
1297.9	-0.01	-0.01	-0.01	-0.01	165647.2	150437.3	143979.3	77930.39

1298.4	-0.01	-0.01	-0.01	-0.01	163405.4	148438.8	142071.6	76891.84
1298.9	-0.01	-0.01	-0.01	-0.01	161127.6	146401.1	140130.6	75838.28
1299.4	-0.01	-0.01	-0.01	-0.01	158844.9	144362.3	138192.8	74784.39
1299.9	-0.01	-0.01	-0.01	-0.01	156554.8	142320.1	136237.9	73717.35
1300.4	-0.01	-0.01	-0.01	-0.01	154243.3	140252.2	134262.5	72648.99
1300.9	-0.01	-0.01	-0.01	-0.01	151929.5	138176.4	132283.8	71570.09
1301.4	-0.01	-0.01	-0.01	-0.01	149599.1	136079.5	130288.9	70485.33
1301.9	-0.01	-0.01	-0.01	-0.01	147241.8	133971.8	128273.9	69391.41
1302.4	-0.01	-0.01	-0.01	-0.01	144885.5	131859.8	126257.5	68297.88
1302.9	-0.01	-0.01	-0.01	-0.01	142529.2	129733.2	124231	67195.2
1303.4	-0.01	-0.01	-0.01	-0.01	140150	127606.2	122190.9	66088.02
1303.9	-0.01	-0.01	-0.01	-0.01	137772.9	125466.6	120151.5	64979.27
1304.4	-0.01	-0.01	-0.01	-0.01	135388.2	123314.7	118095.6	63864.36
1304.9	-0.01	-0.01	-0.01	-0.01	133010.6	121172.2	116052.8	62754.62
1305.4	-0.01	-0.01	-0.01	-0.01	130643.3	119041.9	114017.1	61651.47
1305.9	-0.01	-0.01	-0.01	-0.01	128271	116910.1	111975.4	60541.57
1306.4	-0.01	-0.01	-0.01	-0.01	125890.8	114757.2	109925.7	59431.61
1306.9	-0.01	-0.01	-0.01	-0.01	123506.1	112603.5	107862.7	58310.99
1307.4	-0.01	-0.01	-0.01	-0.01	121097.8	110430.7	105785.1	57185.16
1307.9	-0.01	-0.01	-0.01	-0.01	118670.3	108239.9	103688.6	56047.89
1308.4	-0.01	-0.01	-0.01	-0.01	116231	106030.6	101577.6	54906.51
1308.9	-0.01	-0.01	-0.01	-0.01	113778.1	103811.6	99453.18	53754.52
1309.4	-0.01	-0.01	-0.01	-0.01	111307.5	101571.5	97312.25	52591.89
1309.9	-0.01	-0.01	-0.01	-0.01	108820.8	99319.52	95155.82	51423.41
1310.4	-0.01	-0.01	-0.01	-0.01	106316	97045.86	92989.76	50248.04
1310.9	-0.01	-0.01	-0.01	-0.01	103799.4	94764.33	90804.57	49064.79
1311.4	-0.01	-0.01	-0.01	-0.01	101269	92465.32	88606.04	47876.68
1311.9	-0.01	-0.01	-0.01	-0.01	98724.66	90156.2	86401.23	46683.52
1312.4	-0.01	-0.01	-0.01	-0.01	96174.94	87845.02	84183.4	45480.27
1312.9	-0.01	-0.01	-0.01	-0.01	93610.66	85515.67	81951.53	44277.04
1313.4	-0.01	-0.01	-0.01	-0.01	91052.19	83187.23	79723.91	43069.23
1313.9	-0.01	-0.01	-0.01	-0.01	88492.48	80853.13	77493.97	41862.43
1314.4	-0.01	-0.01	-0.01	-0.01	85940.66	78537.22	75273.79	40662.17
1314.9	-0.01	-0.01	-0.01	-0.01	83387.02	76215.73	73050.45	39461.03
1315.4	-0.01	-0.01	-0.01	-0.01	80817.1	73868.46	70805.41	38245.32
1315.9	-0.01	-0.01	-0.01	-0.01	78226.63	71518.04	68547.49	37024.76
1316.4	-0.01	-0.01	-0.01	-0.01	75622.52	69144.39	66276.86	35795.87
1316.9	-0.01	-0.01	-0.01	-0.01	73000.43	66750.45	63983.37	34556.66
1317.4	-0.01	-0.01	-0.01	-0.01	70362.76	64344.72	61681.56	33311.52
1317.9	-0.01	-0.01	-0.01	-0.01	67706.09	61923.86	59361.96	32058.73
1318.4	-0.01	-0.01	-0.01	-0.01	65028.63	59486.09	57023.05	30792.96
1318.9	-0.01	-0.01	-0.01	-0.01	62341.78	57030.03	54675.25	29525.42
1319.4	-0.01	-0.01	-0.01	-0.01	59644.05	54566.56	52311.52	28246.83
1319.9	-0.01	-0.01	-0.01	-0.01	56922.11	52082.82	49931.05	26961
1320.4	-0.01	-0.01	-0.01	-0.01	54191.14	49590.66	47541.33	25669.35
1320.9	-0.01	-0.01	-0.01	-0.01	51447.96	47082.21	45138.32	24372.96
1321.4	-0.01	-0.01	-0.01	-0.01	48686.34	44558.97	42718.39	23065.15
1321.9	-0.01	-0.01	-0.01	-0.01	45918.8	42027.33	40292.88	21753.22
1322.4	-0.01	-0.01	-0.01	-0.01	43140.05	39487.44	37856.88	20437.24

1322.9	-0.01	-0.01	-0.01	-0.01	40349.61	36933.86	35414.72	19116.86
1323.4	-0.01	-0.01	-0.01	-0.01	37552.39	34376.22	32961.47	17792
1323.9	-0.01	-0.01	-0.01	-0.01	34741.68	31803.46	30495.84	16461.81
1324.4	-0.01	-0.01	-0.01	-0.01	31913.38	29216.42	28018.47	15124.21
1324.9	-0.01	-0.01	-0.01	-0.01	29076.25	26623.07	25528.82	13778.25
1325.4	-0.01	-0.01	-0.01	-0.01	26224.07	24013.34	23025.53	12429.05
1325.9	-0.01	-0.01	-0.01	-0.01	23359.06	21389.8	20510.87	11069.97
1326.4	-0.01	-0.01	-0.01	-0.01	20476.23	18748.06	17980.23	9703.447
1326.9	-0.01	-0.01	-0.01	-0.01	17706.99	16215.8	15550.89	8392.185
1327.4	-0.01	-0.01	-0.01	-0.01	15398.31	14103.49	13525.36	7299.213
1327.9	-0.01	-0.01	-0.01	-0.01	13460.42	12326.34	11822.5	6379.183
1328.4	-0.01	-0.01	-0.01	-0.01	11937.92	10936.17	10486.8	5658.22
1328.9	-0.01	-0.01	-0.01	-0.01	10778	9873.904	9469.38	5108.485
1329.4	-0.01	-0.01	-0.01	-0.01	9895.729	9064.745	8693.384	4689.821
1329.9	-0.01	-0.01	-0.01	-0.01	9223.414	8449.006	8103.985	4371.33
1330.4	-0.01	-0.01	-0.01	-0.01	8712.001	7981.661	7655.723	4129.701
1330.9	-0.01	-0.01	-0.01	-0.01	8324.24	7628.531	7315.919	3945.671
1331.4	-0.01	-0.01	-0.01	-0.01	8033.518	7361.008	7061.354	3808.712
1331.9	-0.01	-0.01	-0.01	-0.01	7817.624	7163.151	6870.472	3705.21
1332.4	-0.01	-0.01	-0.01	-0.01	7654.868	7014.87	6728.137	3628.533
1332.9	-0.01	-0.01	-0.01	-0.01	7535.775	6906.756	6623.921	3572.094
1333.4	-0.01	-0.01	-0.01	-0.01	7449.955	6827.426	6548.218	3531.932
1333.9	-0.01	-0.01	-0.01	-0.01	7387.938	6770.893	6493.366	3502.135
1334.4	-0.01	-0.01	-0.01	-0.01	7346.287	6732.032	6456.472	3481.542
1334.9	-0.01	-0.01	-0.01	-0.01	7317.755	6706.176	6431.048	3467.736
1335.4	-0.01	-0.01	-0.01	-0.01	7299.75	6688.902	6416.82	3459.482
1335.9	-0.01	-0.01	-0.01	-0.01	7291.029	6681.204	6408.816	3455.178
1336.4	-0.00796	-0.00805	-0.00796	-0.00793	7288.136	6677.786	6405.88	3454.199
1336.9	-0.00512	-0.00509	-0.00505	-0.00494	7289.953	6679.668	6409.032	3456.015
1337.4	-0.00291	-0.00267	-0.00282	-0.00285	7297.616	6687.979	6415.392	3458.684
1337.9	-0.00092	-0.00089	-0.00079	-0.00067	7308.381	6698.077	6424.429	3464.856
1338.4	0.00079	0.00077	0.00073	0.00071	7323.154	6710.877	6437.064	3471.008
1338.9	0.00178	0.00184	0.00180	0.00182	7338.688	6723.314	6450.319	3478.084
1339.4	0.00268	0.00289	0.00275	0.00275	7353.837	6738.811	6464.368	3485.918
1339.9	0.00338	0.00346	0.00339	0.00354	7370.989	6755.29	6480.042	3494.84
1340.4	0.00379	0.00388	0.00373	0.00379	7389.607	6770.097	6495.072	3502.529
1340.9	0.00421	0.00424	0.00413	0.00404	7405.46	6787.367	6509.513	3510.491
1341.4	0.00445	0.00449	0.00434	0.00425	7423.57	6803.684	6526.015	3519.071
1341.9	0.00454	0.00446	0.00463	0.00443	7442.404	6819.684	6541.209	3527.541
1342.4	0.00474	0.00472	0.00478	0.00461	7461.15	6836.602	6558.302	3536.538
1342.9	0.00481	0.00473	0.00480	0.00480	7480.133	6854.736	6575.554	3546.217
1343.4	0.00491	0.00486	0.00507	0.00508	7499.165	6873.92	6592.802	3555.002
1343.9	0.00517	0.00524	0.00525	0.00508	7519.433	6891.187	6611.22	3565.409
1344.4	0.00520	0.00527	0.00518	0.00532	7541.005	6910.737	6628.828	3574.486
1344.9	0.00535	0.00533	0.00530	0.00527	7559.352	6928.249	6645.461	3583.635
1345.4	0.00539	0.00515	0.00530	0.00525	7579.027	6947.189	6663.063	3592.966
1345.9	0.00519	0.00514	0.00519	0.00521	7599.328	6965.018	6680.516	3603.106
1346.4	0.00518	0.00522	0.00525	0.00535	7618.025	6982.384	6696.509	3611.56
1346.9	0.00530	0.00505	0.00521	0.00517	7638.141	7000.062	6713.83	3620.227

1347.4	0.00502	0.00513	0.00502	0.00505	7657.412	7017.976	6730.358	3629.068
1347.9	0.00496	0.00501	0.00506	0.00503	7675.759	7033.961	6748.078	3638.048
1348.4	0.00511	0.00502	0.00501	0.00508	7696.38	7053.135	6765.825	3647.646
1348.9	0.00529	0.00519	0.00527	0.00531	7719.344	7073.367	6785.576	3658.933
1349.4	0.00558	0.00560	0.00563	0.00575	7742.58	7094.867	6807.581	3670.93
1349.9	0.00574	0.00597	0.00582	0.00580	7767.789	7119.292	6829.344	3681.886
1350.4	0.00595	0.00596	0.00606	0.00618	7792.08	7141.791	6850.252	3694.507
1350.9	0.00615	0.00613	0.00609	0.00606	7816.471	7163.381	6871.331	3705.192
1351.4	0.00592	0.00598	0.00593	0.00596	7839.489	7182.62	6891.156	3715.807
1351.9	0.00578	0.00598	0.00585	0.00584	7860.144	7203.216	6910.073	3726.276
1352.4	0.00573	0.00581	0.00574	0.00589	7881.508	7223.579	6929.476	3737.224
1352.9	0.00557	0.00565	0.00551	0.00558	7903.663	7241.548	6947.573	3746.551
1353.4	0.00546	0.00549	0.00539	0.00530	7922.287	7261.445	6964.468	3755.843
1353.9	0.00531	0.00534	0.00521	0.00511	7940.976	7278.276	6981.5	3764.698
1354.4	0.00507	0.00499	0.00515	0.00496	7960.986	7295.305	6997.685	3773.711
1354.9	0.00495	0.00494	0.00499	0.00483	7979.592	7312.073	7014.671	3782.645
1355.4	0.00481	0.00473	0.00480	0.00480	7996.798	7328.595	7030.381	3791.504
1355.9	0.00459	0.00454	0.00475	0.00475	8013.139	7345.364	7045.279	3799.004
1356.4	0.00453	0.00459	0.00460	0.00444	8030.625	7360.024	7061.265	3808.118
1356.9	0.00445	0.00452	0.00443	0.00457	8048.965	7376.593	7075.982	3815.623
1357.4	0.00442	0.00440	0.00438	0.00434	8063.73	7390.838	7089.479	3823.086
1357.9	0.00432	0.00409	0.00423	0.00419	8080.224	7406.881	7104.287	3830.908
1358.4	0.00418	0.00413	0.00418	0.00420	8097.606	7422.001	7119.154	3839.679
1358.9	0.00424	0.00427	0.00431	0.00440	8115.47	7438.609	7134.397	3847.724
1359.4	0.00456	0.00432	0.00447	0.00444	8137.289	7457.821	7153.196	3857.169
1359.9	0.00471	0.00481	0.00471	0.00474	8159.229	7478.194	7172.056	3867.267
1360.4	0.00494	0.00499	0.00503	0.00500	8181.325	7497.602	7193.127	3878.035
1360.9	0.00524	0.00516	0.00514	0.00521	8204.363	7519.016	7212.996	3888.777
1361.4	0.00536	0.00527	0.00534	0.00539	8226.664	7538.637	7232.169	3899.767
1361.9	0.00536	0.00539	0.00542	0.00553	8248.507	7558.892	7253.021	3911.141
1362.4	0.00527	0.00549	0.00534	0.00532	8271.202	7581.072	7272.578	3920.878
1362.9	0.00528	0.00530	0.00539	0.00551	8291.989	7600.386	7290.41	3931.877
1363.4	0.00533	0.00531	0.00527	0.00525	8314.361	7620.121	7309.719	3941.583
1363.9	0.00507	0.00513	0.00509	0.00511	8335.356	7637.458	7327.764	3951.234
1364.4	0.00499	0.00519	0.00507	0.00506	8354.015	7656.29	7344.961	3960.78
1364.9	0.00495	0.00503	0.00496	0.00511	8374.234	7675.64	7363.386	3971.213
1365.4	0.00480	0.00489	0.00475	0.00481	8395.243	7692.495	7380.44	3979.964
1365.9	0.00484	0.00487	0.00477	0.00469	8413.079	7711.771	7396.667	3988.899
1366.4	0.00481	0.00484	0.00471	0.00462	8433.251	7729.966	7415.03	3998.459
1366.9	0.00478	0.00470	0.00486	0.00467	8454.581	7748.178	7432.339	4008.085
1367.4	0.00486	0.00485	0.00490	0.00474	8475.338	7766.929	7451.249	4018.046
1367.9	0.00488	0.00480	0.00487	0.00487	8497.104	7787.668	7470.994	4029.093
1368.4	0.00494	0.00490	0.00510	0.00511	8518.13	7808.803	7490.04	4038.812
1368.9	0.00516	0.00522	0.00523	0.00507	8541.185	7828.549	7510.959	4050.596
1369.4	0.00519	0.00526	0.00517	0.00530	8565.435	7850.551	7530.847	4060.871
1369.9	0.00528	0.00526	0.00523	0.00520	8585.565	7869.756	7549.096	4070.899
1370.4	0.00529	0.00506	0.00520	0.00516	8607.131	7890.499	7568.394	4081.131
1370.9	0.00506	0.00502	0.00506	0.00508	8629.669	7910.335	7587.801	4092.37
1371.4	0.00505	0.00508	0.00512	0.00520	8649.755	7928.998	7605	4101.459

1371.9	0.00508	0.00485	0.00500	0.00496	8671.103	7947.763	7623.393	4110.656
1372.4	0.00479	0.00490	0.00480	0.00483	8691.798	7967.005	7641.158	4120.157
1372.9	0.00469	0.00474	0.00478	0.00475	8710.904	7983.637	7659.661	4129.519
1373.4	0.00477	0.00468	0.00467	0.00474	8731.434	8002.75	7677.313	4139.065
1373.9	0.00468	0.00459	0.00466	0.00471	8750.927	8019.755	7694	4148.735
1374.4	0.00456	0.00458	0.00462	0.00473	8769.38	8036.889	7711.914	4158.531
1374.9	0.00444	0.00466	0.00451	0.00449	8790.093	8057.278	7729.706	4167.293
1375.4	0.00451	0.00452	0.00462	0.00473	8811.586	8077.225	7748.129	4178.659
1375.9	0.00483	0.00481	0.00477	0.00475	8835.111	8097.973	7768.426	4188.879
1376.4	0.00485	0.00491	0.00487	0.00490	8858.414	8117.358	7788.479	4199.613
1376.9	0.00489	0.00507	0.00495	0.00495	8879.95	8138.871	7808.223	4210.544
1377.4	0.00499	0.00506	0.00500	0.00514	8901.957	8159.881	7828.236	4221.851
1377.9	0.00495	0.00503	0.00489	0.00495	8925.241	8178.751	7847.249	4231.643
1378.4	0.00495	0.00498	0.00488	0.00480	8945.2	8200.062	7865.359	4241.6
1378.9	0.00491	0.00494	0.00481	0.00473	8965.719	8218.568	7884.052	4251.326
1379.4	0.00478	0.00471	0.00486	0.00468	8987.439	8237.102	7901.666	4261.123
1379.9	0.00469	0.00468	0.00473	0.00458	9007.628	8255.322	7920.101	4270.819
1380.4	0.00457	0.00449	0.00456	0.00455	9026.323	8273.276	7937.174	4280.434
1380.9	0.00441	0.00437	0.00457	0.00457	9044.774	8292.109	7953.979	4288.925
1381.4	0.00442	0.00448	0.00448	0.00433	9064.553	8308.802	7972.038	4299.183
1381.9	0.00440	0.00447	0.00439	0.00451	9085.893	8328.126	7989.325	4308.041
1382.4	0.00449	0.00447	0.00445	0.00442	9104.312	8345.784	8006.085	4317.271
1382.9	0.00448	0.00427	0.00441	0.00436	9124.384	8365.184	8024.079	4326.795
1383.4	0.00440	0.00436	0.00440	0.00442	9145.272	8383.483	8042.023	4337.269
1383.9	0.00451	0.00454	0.00457	0.00466	9166.96	8403.623	8060.617	4347.105
1384.4	0.00477	0.00454	0.00469	0.00466	9191.183	8424.999	8081.524	4357.639
1384.9	0.00477	0.00487	0.00477	0.00480	9214.541	8446.699	8101.624	4368.395
1385.4	0.00485	0.00489	0.00493	0.00491	9237.65	8466.987	8123.705	4379.667
1385.9	0.00502	0.00494	0.00493	0.00499	9261.539	8489.201	8144.31	4390.803
1386.4	0.00504	0.00495	0.00503	0.00507	9283.804	8508.738	8163.436	4401.805
1386.9	0.00492	0.00494	0.00497	0.00508	9305.182	8528.578	8183.989	4413.024
1387.4	0.00469	0.00490	0.00476	0.00475	9326.787	8549.842	8202.57	4422.182
1387.9	0.00461	0.00463	0.00472	0.00483	9346.928	8568.575	8219.812	4432.946
1388.4	0.00466	0.00464	0.00461	0.00459	9368.833	8587.824	8238.688	4442.374
1388.9	0.00437	0.00443	0.00439	0.00442	9389.021	8604.297	8255.999	4451.624
1389.4	0.00430	0.00448	0.00436	0.00436	9406.99	8622.594	8272.639	4460.887
1389.9	0.00429	0.00436	0.00430	0.00444	9426.747	8641.563	8290.697	4471.153
1390.4	0.00414	0.00422	0.00409	0.00415	9447.291	8657.842	8307.255	4479.609
1390.9	0.00417	0.00420	0.00411	0.00403	9464.048	8676.301	8322.568	4488.063
1391.4	0.00411	0.00413	0.00401	0.00393	9482.644	8693.031	8339.586	4496.876
1391.9	0.00398	0.00391	0.00405	0.00388	9502.098	8709.442	8355.163	4505.585
1392.4	0.00405	0.00404	0.00409	0.00394	9522.396	8727.756	8373.713	4515.336
1392.9	0.00420	0.00413	0.00419	0.00419	9545.3	8749.59	8394.499	4526.968
1393.4	0.00444	0.00440	0.00459	0.00459	9568.809	8773.116	8415.769	4537.851
1393.9	0.00484	0.00490	0.00491	0.00476	9594.191	8794.922	8438.783	4550.795
1394.4	0.00499	0.00506	0.00497	0.00509	9621.336	8819.577	8461.142	4562.372
1394.9	0.00511	0.00510	0.00508	0.00504	9643.98	8841.145	8481.646	4573.625
1395.4	0.00516	0.00495	0.00508	0.00504	9667.407	8863.668	8502.619	4584.745
1395.9	0.00494	0.00491	0.00495	0.00497	9691.342	8884.75	8523.247	4596.684

1396.4	0.00481	0.00485	0.00488	0.00496	9712.645	8904.556	8541.504	4606.329
1396.9	0.00485	0.00463	0.00477	0.00474	9735.177	8924.372	8560.933	4616.037
1397.4	0.00453	0.00463	0.00454	0.00456	9756.211	8943.954	8578.985	4625.684
1397.9	0.00434	0.00438	0.00442	0.00440	9775.567	8960.773	8597.824	4635.186
1398.4	0.00437	0.00429	0.00428	0.00435	9795.729	8979.576	8615.145	4644.55
1398.9	0.00420	0.00411	0.00419	0.00422	9814.429	8995.809	8631.119	4653.873
1399.4	0.00399	0.00401	0.00404	0.00414	9831.503	9011.695	8647.931	4663.08
1399.9	0.00379	0.00400	0.00386	0.00384	9850.011	9030.15	8663.771	4670.737
1400.4	0.00371	0.00373	0.00382	0.00393	9867.563	9046.505	8678.713	4680.306
1400.9	0.00378	0.00376	0.00372	0.00370	9886.2	9062.723	8694.695	4688.155
1401.4	0.00358	0.00364	0.00360	0.00362	9904.527	9077.43	8710.352	4696.513
1401.9	0.00361	0.00379	0.00367	0.00367	9922.828	9096.078	8727.298	4705.951
1402.4	0.00380	0.00387	0.00381	0.00394	9943.192	9115.628	8745.904	4716.529
1402.9	0.00400	0.00407	0.00395	0.00401	9967.246	9135.063	8765.512	4726.616
1403.4	0.00423	0.00426	0.00417	0.00409	9988.349	9157.601	8784.664	4737.145
1403.9	0.00436	0.00439	0.00427	0.00418	10010.63	9177.717	8804.952	4747.711
1404.4	0.00441	0.00435	0.00449	0.00432	10034.5	9198.153	8824.381	4758.501
1404.9	0.00446	0.00445	0.00450	0.00436	10057.14	9218.63	8845.027	4769.372
1405.4	0.00440	0.00433	0.00439	0.00439	10077.73	9238.387	8863.82	4779.934
1405.9	0.00427	0.00423	0.00442	0.00442	10097.27	9258.348	8881.634	4788.93
1406.4	0.00428	0.00434	0.00435	0.00420	10119.45	9277.184	8901.861	4800.382
1406.9	0.00430	0.00437	0.00428	0.00440	10142.86	9298.413	8920.905	4810.157
1407.4	0.00436	0.00435	0.00433	0.00430	10162.25	9317.018	8938.567	4819.88
1407.9	0.00434	0.00414	0.00427	0.00422	10183.65	9337.707	8957.767	4830.04
1408.4	0.00418	0.00414	0.00419	0.00420	10205.08	9356.465	8976.177	4840.805
1408.9	0.00416	0.00420	0.00423	0.00430	10224.95	9374.967	8993.163	4849.758
1409.4	0.00420	0.00399	0.00413	0.00409	10246.27	9393.651	9011.517	4858.868
1409.9	0.00396	0.00406	0.00397	0.00399	10266.34	9412.353	9028.706	4868.047
1410.4	0.00393	0.00398	0.00402	0.00399	10286.37	9429.774	9048.189	4877.879
1410.9	0.00410	0.00402	0.00401	0.00407	10309.48	9451.291	9068.092	4888.638
1411.4	0.00428	0.00420	0.00427	0.00431	10333.16	9472.077	9088.438	4900.336
1411.9	0.00440	0.00442	0.00445	0.00455	10356.14	9493.398	9110.498	4912.375
1412.4	0.00433	0.00453	0.00440	0.00438	10380.51	9517.288	9131.498	4922.791
1412.9	0.00442	0.00444	0.00452	0.00463	10403.41	9538.564	9151.141	4934.93
1413.4	0.00456	0.00454	0.00450	0.00448	10427.44	9559.727	9171.876	4945.315
1413.9	0.00429	0.00434	0.00431	0.00433	10449.96	9578.237	9191.227	4955.658
1414.4	0.00422	0.00440	0.00428	0.00428	10469.16	9597.772	9209.004	4965.546
1414.9	0.00417	0.00425	0.00418	0.00431	10489.98	9617.777	9228.049	4976.369
1415.4	0.00402	0.00410	0.00397	0.00403	10512.17	9635.438	9245.988	4985.54
1415.9	0.00401	0.00404	0.00395	0.00387	10529.8	9654.874	9262.113	4994.438
1416.4	0.00393	0.00396	0.00384	0.00376	10548.89	9672.042	9279.608	5003.487
1416.9	0.00375	0.00368	0.00382	0.00365	10568.9	9688.889	9295.6	5012.435
1417.4	0.00372	0.00371	0.00376	0.00362	10587.16	9705.322	9312.405	5021.228
1417.9	0.00361	0.00354	0.00360	0.00360	10605.42	9722.947	9329.152	5030.701
1418.4	0.00345	0.00341	0.00359	0.00359	10621.71	9739.965	9344.114	5038.148
1418.9	0.00350	0.00356	0.00356	0.00342	10641.11	9756.197	9361.904	5048.303
1419.4	0.00367	0.00374	0.00366	0.00377	10665.43	9778.235	9381.69	5058.47
1419.9	0.00398	0.00396	0.00394	0.00391	10687.31	9799.133	9401.545	5069.387
1420.4	0.00422	0.00402	0.00415	0.00410	10710.73	9821.698	9422.525	5080.503

1420.9	0.00422	0.00419	0.00423	0.00424	10735.16	9843.197	9443.57	5092.71
1421.4	0.00427	0.00430	0.00433	0.00441	10757.99	9864.426	9463.15	5103.058
1421.9	0.00440	0.00420	0.00433	0.00430	10781.27	9884.895	9483.224	5113.071
1422.4	0.00415	0.00425	0.00416	0.00418	10803.27	9905.385	9502.107	5123.159
1422.9	0.00402	0.00407	0.00411	0.00408	10823.57	9923.04	9521.888	5133.132
1423.4	0.00407	0.00400	0.00399	0.00405	10844.54	9942.609	9539.904	5142.87
1423.9	0.00396	0.00388	0.00395	0.00398	10864.58	9960.042	9557.047	5152.856
1424.4	0.00378	0.00380	0.00383	0.00393	10882.83	9977.043	9575.009	5162.686
1424.9	0.00362	0.00381	0.00368	0.00366	10902.26	9996.435	9591.65	5170.726
1425.4	0.00354	0.00356	0.00364	0.00374	10920.98	10013.89	9607.611	5180.918
1425.9	0.00360	0.00358	0.00355	0.00353	10940.95	10031.3	9624.759	5189.352
1426.4	0.00345	0.00350	0.00346	0.00349	10960.51	10047.04	9641.488	5198.279
1426.9	0.00345	0.00362	0.00351	0.00351	10978.93	10065.91	9658.604	5207.82
1427.4	0.00357	0.00364	0.00358	0.00371	10999.72	10085.91	9677.64	5218.654
1427.9	0.00367	0.00375	0.00363	0.00368	11023.43	10104.9	9696.874	5228.511
1428.4	0.00386	0.00389	0.00380	0.00373	11044.45	10127.53	9715.994	5239.031
1428.9	0.00395	0.00398	0.00386	0.00379	11066.42	10147.36	9736.056	5249.453
1429.4	0.00399	0.00393	0.00407	0.00390	11090.13	10167.58	9755.277	5260.144
1429.9	0.00400	0.00399	0.00404	0.00390	11112.08	10187.41	9775.363	5270.696
1430.4	0.00391	0.00384	0.00390	0.00390	11132.51	10207.07	9794.061	5281.228
1430.9	0.00381	0.00378	0.00396	0.00396	11151.61	10226.72	9811.522	5290.001
1431.4	0.00379	0.00385	0.00386	0.00372	11172.51	10244.32	9830.677	5300.9
1431.9	0.00373	0.00380	0.00372	0.00383	11194.23	10263.98	9848.154	5309.804
1432.4	0.00377	0.00375	0.00373	0.00370	11212.72	10281.8	9865.066	5319.13
1432.9	0.00380	0.00360	0.00373	0.00369	11234.42	10302.82	9884.554	5329.435
1433.4	0.00378	0.00374	0.00379	0.00380	11257.43	10322.98	9904.342	5340.984
1433.9	0.00388	0.00391	0.00395	0.00402	11279.41	10343.44	9923.173	5350.921
1434.4	0.00402	0.00382	0.00395	0.00392	11302.93	10364.1	9943.447	5361.024
1434.9	0.00386	0.00396	0.00387	0.00389	11325.1	10384.76	9962.477	5371.188
1435.4	0.00385	0.00389	0.00393	0.00390	11346.05	10402.98	9982.877	5381.477
1435.9	0.00389	0.00382	0.00381	0.00387	11368.03	10423.48	10001.78	5391.692
1436.4	0.00381	0.00374	0.00380	0.00384	11387.75	10440.6	10018.63	5401.54
1436.9	0.00368	0.00370	0.00373	0.00383	11406.27	10457.84	10036.87	5411.523
1437.4	0.00345	0.00364	0.00352	0.00350	11426.27	10477.79	10054.01	5419.809
1437.9	0.00340	0.00342	0.00350	0.00360	11444.62	10494.91	10069.64	5429.859
1438.4	0.00349	0.00347	0.00344	0.00342	11464.94	10512.62	10087.09	5438.434
1438.9	0.00336	0.00341	0.00337	0.00340	11487.09	10530.69	10106.1	5448.588
1439.4	0.00355	0.00372	0.00361	0.00361	11508.69	10552.51	10126.03	5459.655
1439.9	0.00383	0.00390	0.00384	0.00396	11533.15	10575.91	10148.32	5472.252
1440.4	0.00389	0.00396	0.00385	0.00390	11558.55	10596.39	10169.02	5482.885
1440.9	0.00399	0.00402	0.00394	0.00386	11579.25	10618.82	10187.89	5493.271
1441.4	0.00399	0.00402	0.00391	0.00383	11601.42	10638.81	10208.16	5503.79
1441.9	0.00384	0.00378	0.00391	0.00375	11624.03	10657.98	10226.37	5513.945
1442.4	0.00385	0.00384	0.00389	0.00375	11645.33	10677.2	10245.91	5524.197
1442.9	0.00371	0.00364	0.00370	0.00370	11665.12	10696.29	10264.06	5534.44
1443.4	0.00352	0.00348	0.00366	0.00366	11683.32	10715.17	10280.75	5542.785
1443.9	0.00351	0.00356	0.00357	0.00343	11701.83	10730.52	10297.82	5552.569
1444.4	0.00336	0.00343	0.00335	0.00346	11722.08	10748.82	10313.97	5560.746
1444.9	0.00332	0.00331	0.00329	0.00326	11738.03	10764.32	10328.65	5568.876

1445.4	0.00328	0.00308	0.00321	0.00317	11755.18	10781.2	10344.16	5577.025
1445.9	0.00307	0.00303	0.00307	0.00309	11773.32	10796.87	10359.64	5586.275
1446.4	0.00299	0.00302	0.00305	0.00312	11789.91	10812.38	10373.71	5593.639
1446.9	0.00319	0.00299	0.00312	0.00309	11811.7	10831.42	10392.45	5602.899
1447.4	0.00333	0.00342	0.00333	0.00335	11836.69	10854.66	10413.95	5614.391
1447.9	0.00365	0.00369	0.00373	0.00370	11862.24	10877.08	10438.43	5626.869
1448.4	0.00405	0.00398	0.00397	0.00403	11889.44	10902.39	10461.92	5639.561
1448.9	0.00419	0.00411	0.00418	0.00421	11915.31	10925.14	10484.19	5652.342
1449.4	0.00418	0.00420	0.00423	0.00432	11938.81	10946.98	10506.88	5664.724
1449.9	0.00405	0.00424	0.00412	0.00410	11963.05	10970.87	10527.76	5674.995
1450.4	0.00396	0.00398	0.00406	0.00415	11985.02	10991.34	10546.58	5686.801
1450.9	0.00394	0.00392	0.00389	0.00387	12007.55	11011.08	10566	5696.406
1451.4	0.00366	0.00371	0.00368	0.00370	12028.3	11027.82	10583.78	5705.889
1451.9	0.00347	0.00364	0.00353	0.00353	12045.66	11045.82	10600.03	5714.968
1452.4	0.00336	0.00343	0.00337	0.00349	12063.96	11063.58	10616.93	5724.67
1452.9	0.00321	0.00328	0.00317	0.00322	12083.41	11078.54	10632.36	5732.447
1453.4	0.00315	0.00318	0.00310	0.00303	12099.03	11096.37	10646.77	5740.434
1453.9	0.00304	0.00306	0.00296	0.00288	12115.34	11110.96	10661.88	5748.165
1454.4	0.00288	0.00282	0.00295	0.00279	12132.44	11125.04	10675.21	5755.694
1454.9	0.00283	0.00282	0.00286	0.00273	12148.95	11139.85	10690.55	5763.669
1455.4	0.00272	0.00265	0.00271	0.00271	12163.38	11154.03	10703.99	5771.388
1455.9	0.00257	0.00253	0.00271	0.00270	12176.46	11168.24	10716.18	5777.289
1456.4	0.00256	0.00261	0.00262	0.00248	12192.09	11180.91	10730.71	5785.723
1456.9	0.00257	0.00263	0.00256	0.00267	12211.28	11198.24	10745.89	5793.364
1457.4	0.00289	0.00288	0.00286	0.00283	12230.38	11216.66	10763.37	5803.002
1457.9	0.00315	0.00297	0.00309	0.00304	12252.41	11238.04	10783.17	5813.465
1458.4	0.00324	0.00321	0.00325	0.00326	12275.08	11257.87	10802.66	5824.884
1458.9	0.00342	0.00345	0.00348	0.00355	12297.09	11278.38	10821.5	5834.813
1459.4	0.00357	0.00338	0.00351	0.00347	12319.95	11298.42	10841.2	5844.558
1459.9	0.00341	0.00350	0.00341	0.00343	12341.17	11318.25	10859.4	5854.263
1460.4	0.00340	0.00344	0.00348	0.00345	12361.14	11335.56	10879.05	5864.106
1460.9	0.00345	0.00338	0.00337	0.00343	12382.75	11355.75	10897.62	5874.138
1461.4	0.00338	0.00331	0.00338	0.00341	12401.24	11371.73	10913.4	5883.428
1461.9	0.00324	0.00326	0.00329	0.00338	12419.67	11388.94	10931.68	5893.43
1462.4	0.00306	0.00325	0.00313	0.00311	12438.62	11408.02	10947.9	5901.169

fnisimtr(1)	fnisimtr(2)	fnisimtr(3)	fnisimtr(4)	fnisimtr(5)	fnisimtr(6)	fnisimtr(7)	fnisimtr(8)	-1
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03447	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067	
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067	
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067	

0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02142	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03450	0.02078	0.02074	0.02889	0.03211	0.01991	0.02144	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03450	0.02078	0.02074	0.02889	0.03211	0.01991	0.02144	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067

0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
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0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
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0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
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0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03211	0.01990	0.02143	0.03068
0.03449	0.02078	0.02074	0.02888	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03449	0.02078	0.02074	0.02888	0.03211	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.0321	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067

0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01991	0.02144	0.03068
0.03450	0.02078	0.02075	0.02889	0.03211	0.01991	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02075	0.02889	0.03211	0.01991	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01991	0.02144	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02143	0.03067
0.03448	0.02077	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066
0.03448	0.02077	0.02073	0.02887	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03211	0.01990	0.02144	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067

0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03448	0.02077	0.02073	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03450	0.02078	0.02075	0.02889	0.03211	0.01991	0.02144	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01991	0.02144	0.03068
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03450	0.02078	0.02074	0.02889	0.03211	0.01990	0.02144	0.03068
0.03449	0.02078	0.02074	0.02888	0.03211	0.01990	0.02143	0.03068
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066
0.03447	0.02076	0.02072	0.02886	0.03208	0.01989	0.02142	0.03066
0.03448	0.02076	0.02073	0.02887	0.03209	0.01989	0.02142	0.03066
0.03449	0.02077	0.02074	0.02888	0.03210	0.01990	0.02143	0.03067
0.03449	0.02078	0.02074	0.02888	0.03210	0.01990	0.02143	0.03068
0.03450	0.02078	0.02075	0.02889	0.03211	0.01991	0.02144	0.03069
0.03451	0.02079	0.02076	0.02890	0.03211	0.01992	0.02145	0.03070
0.03452	0.02080	0.02077	0.02891	0.03212	0.01993	0.02146	0.03071
0.03452	0.02080	0.02077	0.02891	0.03213	0.01993	0.02146	0.03070
0.03452	0.02080	0.02077	0.02891	0.03213	0.01992	0.02146	0.03070
0.03452	0.02080	0.02076	0.02891	0.03214	0.01992	0.02146	0.03070
0.03452	0.02080	0.02076	0.02891	0.03215	0.01992	0.02145	0.03070
0.03452	0.02079	0.02076	0.02891	0.03215	0.01992	0.02145	0.03070
0.03452	0.02079	0.02076	0.02891	0.03216	0.01992	0.02145	0.03070
0.03452	0.0208	0.02077	0.02891	0.03218	0.01993	0.02146	0.03071
0.03453	0.02081	0.02077	0.02892	0.03219	0.01993	0.02147	0.03071
0.03453	0.02081	0.02078	0.02892	0.03220	0.01994	0.02147	0.03072
0.03454	0.02081	0.02078	0.02893	0.03221	0.01994	0.02147	0.03072
0.03454	0.02081	0.02078	0.02893	0.03222	0.01994	0.02147	0.03072
0.03454	0.02081	0.02078	0.02893	0.03223	0.01994	0.02147	0.03072
0.03454	0.02081	0.02078	0.02893	0.03223	0.01994	0.02147	0.03072
0.03454	0.02081	0.02078	0.02893	0.03224	0.01994	0.02147	0.03072
0.03453	0.02081	0.02078	0.02892	0.03224	0.01994	0.02147	0.03071
0.03453	0.02081	0.02078	0.02892	0.03224	0.01994	0.02147	0.03071
0.03454	0.02081	0.02078	0.02892	0.03225	0.01994	0.02147	0.03071
0.03453	0.02081	0.02077	0.02892	0.03225	0.01994	0.02146	0.03071
0.03453	0.02081	0.02077	0.02892	0.03226	0.01994	0.02146	0.03071
0.03453	0.02081	0.02077	0.02892	0.03226	0.01994	0.02146	0.03071
0.03453	0.02081	0.02077	0.02892	0.03226	0.01994	0.02146	0.03070
0.03453	0.02081	0.02077	0.02892	0.03226	0.01994	0.02146	0.03070

0.03453	0.02081	0.02077	0.02892	0.03226	0.01994	0.02146	0.03070
0.03453	0.02080	0.02077	0.02891	0.03227	0.01994	0.02146	0.03070
0.03452	0.02080	0.02077	0.02891	0.03226	0.01994	0.02145	0.03070
0.03453	0.02080	0.02077	0.02891	0.03227	0.01994	0.02146	0.03070
0.03452	0.02080	0.02076	0.02891	0.03227	0.01994	0.02145	0.03069
0.03452	0.02080	0.02076	0.02891	0.03227	0.01994	0.02145	0.03069
0.03451	0.02079	0.02075	0.02889	0.03226	0.01993	0.02144	0.03068
0.03450	0.02078	0.02075	0.02889	0.03225	0.01992	0.02143	0.03067
0.03451	0.02079	0.02075	0.02889	0.03226	0.01993	0.02144	0.03067
0.03452	0.02079	0.02076	0.02890	0.03227	0.01993	0.02145	0.03068
0.03452	0.02080	0.02076	0.02891	0.03228	0.01994	0.02145	0.03068
0.03453	0.02081	0.02077	0.02892	0.03229	0.01995	0.02146	0.03069
0.03455	0.02082	0.02078	0.02893	0.03230	0.01996	0.02147	0.03070
0.03456	0.02083	0.02079	0.02894	0.03231	0.01997	0.02148	0.03071
0.03456	0.02083	0.02080	0.02894	0.03232	0.01997	0.02148	0.03072
0.03457	0.02084	0.02080	0.02895	0.03233	0.01998	0.02149	0.03073
0.03457	0.02084	0.02080	0.02895	0.03233	0.01998	0.02149	0.03074
0.03458	0.02084	0.02081	0.02896	0.03234	0.01998	0.02149	0.03076
0.03458	0.02084	0.02081	0.02896	0.03234	0.01999	0.02149	0.03077
0.03458	0.02084	0.02081	0.02896	0.03234	0.01998	0.02149	0.03077
0.03458	0.02084	0.02081	0.02896	0.03234	0.01999	0.02150	0.03078
0.03458	0.02084	0.02081	0.02896	0.03234	0.01999	0.02150	0.03079
0.03458	0.02084	0.02081	0.02896	0.03234	0.01999	0.02150	0.03080
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0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02150	0.03081
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0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02150	0.03082
0.03457	0.02084	0.02081	0.02896	0.03234	0.01999	0.02151	0.03083
0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03083
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0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03084
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0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03084
0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03085
0.03457	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03085
0.03457	0.02085	0.02081	0.02896	0.03234	0.01998	0.02151	0.03086
0.03457	0.02085	0.02082	0.02896	0.03234	0.01999	0.02152	0.03086
0.03456	0.02084	0.02081	0.02896	0.03234	0.01998	0.02151	0.03086
0.03456	0.02084	0.02081	0.02895	0.03233	0.01998	0.02151	0.03086
0.03456	0.02085	0.02081	0.02896	0.03234	0.01998	0.02152	0.03087
0.03457	0.02085	0.02082	0.02897	0.03234	0.01999	0.02152	0.03088
0.03457	0.02086	0.02083	0.02898	0.03235	0.02	0.02154	0.03089
0.03458	0.02087	0.02084	0.02899	0.03236	0.02001	0.02154	0.03090
0.03459	0.02088	0.02085	0.02899	0.03237	0.02001	0.02155	0.03091
0.03460	0.02089	0.02086	0.02901	0.03238	0.02002	0.02156	0.03093
0.03461	0.02089	0.02086	0.02901	0.03238	0.02002	0.02156	0.03093
0.03462	0.02088	0.02085	0.02900	0.03237	0.02002	0.02156	0.03092
0.03463	0.02088	0.02085	0.02900	0.03237	0.02002	0.02156	0.03093
0.03464	0.02088	0.02085	0.02900	0.03237	0.02002	0.02156	0.03092

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0.03466	0.02088	0.02085	0.02900	0.03237	0.02002	0.02156	0.03092
0.03467	0.02088	0.02085	0.02900	0.03237	0.02001	0.02156	0.03092
0.03468	0.02088	0.02085	0.02899	0.03236	0.02001	0.02155	0.03092
0.03469	0.02088	0.02084	0.02899	0.03236	0.02001	0.02155	0.03092
0.03469	0.02088	0.02084	0.02899	0.03236	0.02001	0.02155	0.03092
0.03470	0.02088	0.02085	0.02899	0.03236	0.02001	0.02156	0.03092
0.03472	0.02089	0.02085	0.02900	0.03237	0.02002	0.02156	0.03093
0.03473	0.02090	0.02085	0.02900	0.03237	0.02002	0.02157	0.03093
0.03474	0.02090	0.02086	0.02900	0.03237	0.02002	0.02157	0.03094
0.03475	0.02090	0.02086	0.02900	0.03238	0.02003	0.02157	0.03094
0.03475	0.02090	0.02086	0.02900	0.03238	0.02003	0.02157	0.03094
0.03474	0.02089	0.02085	0.02899	0.03236	0.02001	0.02156	0.03093
0.03474	0.02089	0.02084	0.02898	0.03236	0.02001	0.02156	0.03092
0.03475	0.02089	0.02084	0.02899	0.03236	0.02001	0.02156	0.03093
0.03476	0.02090	0.02085	0.02899	0.03237	0.02002	0.02157	0.03094
0.03478	0.02091	0.02086	0.02900	0.03238	0.02003	0.02158	0.03095
0.03479	0.02092	0.02087	0.02901	0.03239	0.02004	0.02158	0.03096
0.03481	0.02093	0.02087	0.02901	0.03240	0.02005	0.02159	0.03097
0.03482	0.02094	0.02089	0.02903	0.03241	0.02006	0.02160	0.03098
0.03482	0.02094	0.02088	0.02903	0.03241	0.02006	0.02160	0.03098
0.03483	0.02094	0.02088	0.02903	0.03241	0.02005	0.02160	0.03098
0.03483	0.02094	0.02088	0.02904	0.03241	0.02006	0.02160	0.03098
0.03483	0.02094	0.02088	0.02904	0.03241	0.02006	0.02160	0.03098
0.03483	0.02094	0.02088	0.02904	0.03241	0.02005	0.02160	0.03098
0.03484	0.02094	0.02089	0.02905	0.03241	0.02006	0.02161	0.03098
0.03484	0.02095	0.02089	0.02906	0.03241	0.02006	0.02161	0.03098
0.03485	0.02095	0.02089	0.02907	0.03241	0.02006	0.02161	0.03099
0.03485	0.02095	0.02089	0.02908	0.03242	0.02006	0.02161	0.03099
0.03485	0.02095	0.02090	0.02909	0.03242	0.02007	0.02161	0.03099
0.03486	0.02095	0.02090	0.02909	0.03242	0.02007	0.02161	0.03099
0.03486	0.02096	0.02090	0.02910	0.03242	0.02007	0.02162	0.03100
0.03486	0.02096	0.02090	0.02910	0.03242	0.02007	0.02162	0.03099
0.03486	0.02096	0.02090	0.02911	0.03242	0.02007	0.02162	0.03100
0.03487	0.02096	0.02091	0.02911	0.03242	0.02007	0.02162	0.03100
0.03487	0.02096	0.02091	0.02912	0.03242	0.02007	0.02162	0.03100
0.03487	0.02096	0.02091	0.02912	0.03242	0.02007	0.02162	0.03100
0.03485	0.02094	0.02089	0.02910	0.03240	0.02006	0.02160	0.03098
0.03483	0.02093	0.02088	0.02909	0.03238	0.02004	0.02159	0.03096
0.03483	0.02093	0.02088	0.02909	0.03238	0.02004	0.02159	0.03096
0.03485	0.02095	0.02090	0.02912	0.03240	0.02006	0.02161	0.03098
0.03487	0.02096	0.02091	0.02914	0.03242	0.02008	0.02163	0.03100
0.03489	0.02098	0.02093	0.02916	0.03244	0.02009	0.02164	0.03102
0.03492	0.02100	0.02096	0.02919	0.03247	0.02011	0.02167	0.03105
0.03495	0.02103	0.02098	0.02922	0.03249	0.02014	0.02169	0.03108
0.03495	0.02103	0.02098	0.02923	0.03249	0.02014	0.02170	0.03109
0.03496	0.02104	0.02099	0.02923	0.03250	0.02015	0.02170	0.03109
0.03496	0.02104	0.02099	0.02924	0.03250	0.02015	0.02170	0.03109
0.03496	0.02104	0.02099	0.02924	0.03251	0.02015	0.02170	0.03109

0.03497	0.02104	0.02100	0.02925	0.03252	0.02016	0.02171	0.03110
0.03497	0.02104	0.02100	0.02925	0.03252	0.02016	0.02171	0.03110
0.03497	0.02105	0.02101	0.02926	0.03253	0.02017	0.02171	0.03111
0.03498	0.02106	0.02102	0.02927	0.03255	0.02018	0.02172	0.03111
0.03498	0.02106	0.02102	0.02928	0.03256	0.02018	0.02172	0.03111
0.03499	0.02106	0.02103	0.02929	0.03257	0.02019	0.02173	0.03112
0.03499	0.02107	0.02103	0.02930	0.03258	0.02020	0.02173	0.03112
0.03499	0.02107	0.02103	0.02930	0.03259	0.02020	0.02173	0.03112
0.03499	0.02107	0.02104	0.02931	0.03260	0.02020	0.02173	0.03112
0.03499	0.02107	0.02104	0.02931	0.03261	0.02021	0.02174	0.03112
0.03499	0.02107	0.02104	0.02932	0.03261	0.02021	0.02173	0.03112
0.03499	0.02107	0.02105	0.02932	0.03262	0.02021	0.02173	0.03112
0.03499	0.02107	0.02105	0.02932	0.03262	0.02021	0.02174	0.03112
0.03498	0.02107	0.02105	0.02933	0.03263	0.02021	0.02174	0.03112
0.03498	0.02107	0.02105	0.02933	0.03264	0.02022	0.02174	0.03112
0.03498	0.02107	0.02105	0.02933	0.03264	0.02022	0.02174	0.03112
0.03498	0.02107	0.02105	0.02934	0.03265	0.02022	0.02174	0.03111
0.03498	0.02107	0.02106	0.02934	0.03265	0.02022	0.02174	0.03111
0.03498	0.02108	0.02106	0.02935	0.03266	0.02023	0.02174	0.03111
0.03498	0.02108	0.02106	0.02935	0.03266	0.02023	0.02174	0.03111
0.03498	0.02107	0.02106	0.02935	0.03267	0.02023	0.02174	0.03111
0.03496	0.02106	0.02105	0.02933	0.03265	0.02021	0.02172	0.03109
0.03494	0.02104	0.02103	0.02932	0.03264	0.02020	0.02170	0.03107
0.03494	0.02104	0.02103	0.02932	0.03264	0.02020	0.02171	0.03107
0.03496	0.02106	0.02105	0.02935	0.03267	0.02022	0.02172	0.03109
0.03497	0.02108	0.02107	0.02937	0.03269	0.02024	0.02174	0.03111
0.03499	0.02110	0.02109	0.02940	0.03272	0.02026	0.02176	0.03113
0.03502	0.02112	0.02112	0.02943	0.03275	0.02029	0.02179	0.03116
0.03505	0.02115	0.02114	0.02946	0.03278	0.02031	0.02181	0.03119
0.03506	0.02115	0.02115	0.02947	0.03279	0.02031	0.02181	0.03119
0.03507	0.02116	0.02116	0.02947	0.03280	0.02032	0.02182	0.03120
0.03508	0.02116	0.02116	0.02948	0.03280	0.02032	0.02182	0.03120
0.03510	0.02117	0.02116	0.02948	0.03281	0.02033	0.02182	0.03120
0.03512	0.02118	0.02117	0.02949	0.03282	0.02034	0.02183	0.03120
0.03514	0.02119	0.02117	0.02950	0.03283	0.02035	0.02184	0.03121
0.03517	0.02120	0.02118	0.02951	0.03284	0.02036	0.02185	0.03122
0.03520	0.02121	0.02119	0.02952	0.03286	0.02037	0.02185	0.03123
0.03521	0.02122	0.02119	0.02952	0.03286	0.02038	0.02186	0.03123
0.03523	0.02123	0.02120	0.02952	0.03287	0.02038	0.02186	0.03123
0.03525	0.02124	0.02120	0.02953	0.03288	0.02039	0.02187	0.03123
0.03526	0.02124	0.02120	0.02953	0.03288	0.02039	0.02187	0.03123
0.03528	0.02125	0.02121	0.02953	0.03289	0.02039	0.02187	0.03123
0.03529	0.02125	0.02121	0.02953	0.03290	0.02040	0.02187	0.03123
0.03530	0.02126	0.02121	0.02953	0.03290	0.02040	0.02187	0.03123
0.03531	0.02126	0.02121	0.02953	0.03290	0.02040	0.02187	0.03123
0.03533	0.02127	0.02121	0.02953	0.03291	0.02041	0.02188	0.03124
0.03534	0.02127	0.02121	0.02953	0.03291	0.02041	0.02188	0.03123
0.03535	0.02127	0.02122	0.02953	0.03292	0.02041	0.02188	0.03123
0.03536	0.02127	0.02122	0.02953	0.03292	0.02041	0.02188	0.03123

0.03536	0.02127	0.02122	0.02953	0.03292	0.02041	0.02188	0.03123
0.03537	0.02128	0.02122	0.02953	0.03293	0.02042	0.02188	0.03123
0.03538	0.02128	0.02122	0.02953	0.03293	0.02042	0.02189	0.03123
0.03539	0.02128	0.02122	0.02953	0.03294	0.02042	0.02189	0.03123
0.03540	0.02129	0.02122	0.02953	0.03294	0.02043	0.02189	0.03123
0.03541	0.02130	0.02123	0.02954	0.03295	0.02043	0.02189	0.03124
0.03542	0.02130	0.02123	0.02954	0.03295	0.02043	0.02190	0.03124
0.03542	0.02130	0.02123	0.02954	0.03296	0.02044	0.02190	0.03124
0.03543	0.02131	0.02123	0.02954	0.03296	0.02044	0.02190	0.03124
0.03544	0.02131	0.02123	0.02954	0.03296	0.02044	0.02190	0.03124
0.03544	0.02131	0.02124	0.02954	0.03297	0.02044	0.02190	0.03125
0.03545	0.02131	0.02124	0.02954	0.03297	0.02045	0.02191	0.03125
0.03545	0.02131	0.02123	0.02954	0.03297	0.02045	0.02190	0.03124
0.03546	0.02132	0.02124	0.02954	0.03298	0.02045	0.02191	0.03125
0.03546	0.02132	0.02124	0.02954	0.03298	0.02045	0.02191	0.03125
0.03546	0.02132	0.02124	0.02954	0.03298	0.02045	0.02191	0.03125
0.03547	0.02132	0.02124	0.02954	0.03298	0.02045	0.02191	0.03125
0.03548	0.02132	0.02124	0.02954	0.03299	0.02046	0.02191	0.03125
0.03548	0.02133	0.02124	0.02954	0.03299	0.02046	0.02191	0.03125
0.03548	0.02133	0.02124	0.02954	0.03299	0.02046	0.02191	0.03125
0.03549	0.02133	0.02124	0.02954	0.03299	0.02046	0.02192	0.03125
0.03549	0.02133	0.02124	0.02954	0.03299	0.02046	0.02191	0.03125
0.03549	0.02133	0.02124	0.02954	0.03299	0.02046	0.02192	0.03125
0.03550	0.02133	0.02125	0.02954	0.03300	0.02046	0.02192	0.03125
0.03550	0.02133	0.02124	0.02954	0.03300	0.02046	0.02192	0.03125
0.03550	0.02134	0.02125	0.02954	0.03300	0.02046	0.02192	0.03125
0.03551	0.02134	0.02125	0.02954	0.03301	0.02047	0.02192	0.03126
0.03551	0.02134	0.02125	0.02955	0.03301	0.02047	0.02193	0.03126
0.03552	0.02135	0.02126	0.02955	0.03301	0.02047	0.02193	0.03127
0.03552	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03552	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03553	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03553	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03553	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03553	0.02135	0.02126	0.02955	0.03302	0.02048	0.02193	0.03127
0.03551	0.02134	0.02124	0.02953	0.03300	0.02046	0.02192	0.03125
0.03550	0.02133	0.02123	0.02951	0.03299	0.02045	0.02190	0.03123
0.03550	0.02133	0.02123	0.02952	0.03299	0.02045	0.02191	0.03124
0.03552	0.02135	0.02125	0.02954	0.03301	0.02047	0.02192	0.03126
0.03554	0.02136	0.02126	0.02955	0.03302	0.02048	0.02194	0.03127
0.03556	0.02137	0.02127	0.02957	0.03304	0.02050	0.02195	0.03129
0.03558	0.02139	0.02130	0.02959	0.03306	0.02052	0.02197	0.03131
0.03560	0.02141	0.02131	0.02961	0.03308	0.02053	0.02199	0.03133
0.03560	0.02141	0.02131	0.02961	0.03308	0.02053	0.02199	0.03133
0.03561	0.02141	0.02132	0.02961	0.03309	0.02054	0.02199	0.03134
0.03561	0.02141	0.02131	0.02961	0.03309	0.02053	0.02199	0.03133
0.03562	0.02141	0.02131	0.02961	0.03310	0.02054	0.02199	0.03134
0.03562	0.02142	0.02132	0.02961	0.03311	0.02054	0.02199	0.03134
0.03564	0.02142	0.02132	0.02962	0.03313	0.02055	0.02200	0.03134

0.03565	0.02143	0.02133	0.02963	0.03314	0.02055	0.02200	0.03135
0.03566	0.02144	0.02133	0.02963	0.03316	0.02056	0.02201	0.03136
0.03567	0.02144	0.02133	0.02963	0.03316	0.02056	0.02201	0.03136
0.03568	0.02144	0.02134	0.02964	0.03318	0.02057	0.02201	0.03136
0.03569	0.02145	0.02134	0.02964	0.03318	0.02057	0.02202	0.03136
0.03570	0.02145	0.02134	0.02964	0.03319	0.02057	0.02202	0.03136
0.03570	0.02145	0.02134	0.02964	0.03320	0.02058	0.02202	0.03136
0.03571	0.02146	0.02134	0.02964	0.03321	0.02058	0.02202	0.03137
0.03572	0.02146	0.02134	0.02964	0.03321	0.02058	0.02202	0.03137
0.03572	0.02146	0.02134	0.02964	0.03321	0.02058	0.02202	0.03136
0.03571	0.02144	0.02133	0.02962	0.03320	0.02057	0.02201	0.03135
0.03570	0.02144	0.02132	0.02961	0.03319	0.02056	0.02200	0.03133
0.03571	0.02145	0.02133	0.02962	0.03321	0.02057	0.02200	0.03134
0.03573	0.02146	0.02134	0.02963	0.03323	0.02058	0.02202	0.03136
0.03575	0.02147	0.02135	0.02964	0.03324	0.02059	0.02203	0.03137
0.03578	0.02149	0.02137	0.02966	0.03327	0.02061	0.02204	0.03139
0.03580	0.02151	0.02138	0.02968	0.03329	0.02063	0.02206	0.03141
0.03582	0.02152	0.02140	0.02969	0.03331	0.02065	0.02208	0.03142
0.03583	0.02153	0.02140	0.02970	0.03332	0.02065	0.02208	0.03143
0.03584	0.02153	0.02141	0.02970	0.03332	0.02065	0.02208	0.03143
0.03584	0.02153	0.02141	0.02970	0.03333	0.02065	0.02208	0.03143
0.03584	0.02154	0.02141	0.02971	0.03333	0.02066	0.02209	0.03143
0.03585	0.02154	0.02141	0.02972	0.03334	0.02066	0.02209	0.03144
0.03586	0.02155	0.02142	0.02973	0.03334	0.02067	0.02210	0.03145
0.03587	0.02155	0.02143	0.02974	0.03335	0.02067	0.02211	0.03146
0.03588	0.02156	0.02144	0.02975	0.03336	0.02068	0.02211	0.03147
0.03588	0.02156	0.02144	0.02976	0.03336	0.02068	0.02212	0.03147
0.03589	0.02157	0.02145	0.02976	0.03337	0.02069	0.02212	0.03148
0.03589	0.02157	0.02145	0.02977	0.03337	0.02069	0.02213	0.03149
0.03589	0.02157	0.02145	0.02977	0.03337	0.02069	0.02213	0.03149
0.03589	0.02157	0.02146	0.02978	0.03337	0.02069	0.02213	0.03149
0.03590	0.02157	0.02146	0.02979	0.03338	0.02070	0.02214	0.03150
0.03589	0.02157	0.02146	0.02979	0.03338	0.02069	0.02213	0.03150
0.03590	0.02158	0.02146	0.02979	0.03338	0.02070	0.02214	0.03150
0.03590	0.02158	0.02146	0.02979	0.03338	0.02070	0.02214	0.03151
0.03590	0.02158	0.02147	0.02980	0.03338	0.02070	0.02214	0.03151
0.03590	0.02158	0.02147	0.02980	0.03338	0.02070	0.02215	0.03152
0.03591	0.02158	0.02148	0.02981	0.03339	0.02071	0.02215	0.03152
0.03591	0.02159	0.02148	0.02982	0.03339	0.02071	0.02215	0.03153
0.03591	0.02159	0.02148	0.02982	0.03339	0.02071	0.02216	0.03153
0.03591	0.02159	0.02149	0.02982	0.03339	0.02071	0.02216	0.03154
0.03591	0.02159	0.02149	0.02983	0.03339	0.02071	0.02216	0.03154
0.03592	0.02160	0.02149	0.02983	0.03340	0.02072	0.02217	0.03154
0.03592	0.02160	0.02149	0.02983	0.03340	0.02072	0.02217	0.03155
0.03589	0.02158	0.02147	0.02981	0.03337	0.02070	0.02215	0.03152
0.03587	0.02156	0.02146	0.02979	0.03335	0.02068	0.02213	0.03151
0.03588	0.02157	0.02146	0.02980	0.03336	0.02069	0.02214	0.03151
0.03589	0.02158	0.02148	0.02982	0.03338	0.02070	0.02215	0.03153
0.03592	0.02160	0.02150	0.02984	0.03340	0.02072	0.02217	0.03156

0.03594	0.02162	0.02152	0.02987	0.03343	0.02075	0.02220	0.03158
0.03597	0.02164	0.02154	0.02990	0.03345	0.02077	0.02222	0.03161
0.03600	0.02167	0.02157	0.02994	0.03349	0.02080	0.02225	0.03165
0.03601	0.02168	0.02158	0.02994	0.03349	0.02080	0.02225	0.03165
0.03601	0.02169	0.02158	0.02995	0.03350	0.02080	0.02226	0.03166
0.03602	0.02169	0.02159	0.02995	0.03350	0.02081	0.02227	0.03166
0.03603	0.02170	0.02159	0.02996	0.03350	0.02081	0.02227	0.03167
0.03604	0.02171	0.02159	0.02996	0.03350	0.02082	0.02227	0.03167
0.03606	0.02172	0.02160	0.02997	0.03351	0.02082	0.02229	0.03169
0.03609	0.02174	0.02162	0.02998	0.03353	0.02084	0.02230	0.03171
0.03611	0.02175	0.02163	0.02999	0.03354	0.02085	0.02231	0.03172
0.03613	0.02176	0.02163	0.03000	0.03354	0.02086	0.02232	0.03173
0.03614	0.02177	0.02164	0.03001	0.03355	0.02086	0.02233	0.03174
0.03615	0.02178	0.02164	0.03001	0.03355	0.02086	0.02234	0.03175
0.03617	0.02178	0.02164	0.03001	0.03355	0.02087	0.02234	0.03176
0.03618	0.02179	0.02165	0.03001	0.03355	0.02087	0.02235	0.03176
0.03619	0.02179	0.02165	0.03001	0.03355	0.02087	0.02235	0.03177
0.03620	0.02180	0.02165	0.03001	0.03355	0.02088	0.02236	0.03178
0.03621	0.02181	0.02165	0.03001	0.03355	0.02088	0.02236	0.03178
0.03622	0.02181	0.02165	0.03001	0.03355	0.02088	0.02236	0.03178
0.03623	0.02181	0.02165	0.03001	0.03355	0.02088	0.02237	0.03179
0.03623	0.02182	0.02165	0.03001	0.03355	0.02088	0.02237	0.03179
0.03624	0.02182	0.02165	0.03001	0.03355	0.02088	0.02237	0.03180
0.03625	0.02182	0.02166	0.03001	0.03355	0.02088	0.02237	0.03180
0.03625	0.02182	0.02166	0.03001	0.03355	0.02088	0.02237	0.03180
0.03626	0.02183	0.02166	0.03000	0.03355	0.02088	0.02238	0.03180
0.03626	0.02183	0.02166	0.03000	0.03355	0.02089	0.02238	0.03181
0.03627	0.02183	0.02166	0.03000	0.03355	0.02089	0.02238	0.03181
0.03627	0.02183	0.02165	0.03000	0.03354	0.02088	0.02238	0.03181
0.03628	0.02183	0.02166	0.03000	0.03354	0.02089	0.02238	0.03181
0.03628	0.02184	0.02166	0.03000	0.03354	0.02089	0.02238	0.03182
0.03629	0.02184	0.02166	0.03	0.03355	0.02089	0.02239	0.03182
0.03630	0.02185	0.02167	0.03001	0.03355	0.02090	0.02240	0.03183
0.03631	0.02185	0.02167	0.03001	0.03356	0.02090	0.02240	0.03184
0.03632	0.02186	0.02168	0.03001	0.03356	0.02091	0.02241	0.03185
0.03633	0.02186	0.02168	0.03002	0.03356	0.02091	0.02241	0.03185
0.03633	0.02187	0.02168	0.03002	0.03356	0.02091	0.02241	0.03186
0.03634	0.02187	0.02168	0.03002	0.03356	0.02091	0.02241	0.03186
0.03634	0.02187	0.02168	0.03002	0.03357	0.02091	0.02242	0.03186
0.03635	0.02187	0.02168	0.03002	0.03357	0.02091	0.02242	0.03187
0.03635	0.02187	0.02168	0.03001	0.03356	0.02091	0.02242	0.03187
0.03635	0.02188	0.02168	0.03002	0.03357	0.02092	0.02242	0.03187
0.03636	0.02188	0.02169	0.03002	0.03357	0.02092	0.02243	0.03188
0.03636	0.02188	0.02168	0.03001	0.03357	0.02092	0.02242	0.03187
0.03636	0.02188	0.02169	0.03001	0.03357	0.02092	0.02243	0.03188
0.03636	0.02188	0.02169	0.03001	0.03357	0.02092	0.02243	0.03188
0.03637	0.02188	0.02169	0.03001	0.03357	0.02092	0.02243	0.03188
0.03637	0.02189	0.02169	0.03002	0.03357	0.02092	0.02243	0.03188
0.03637	0.02189	0.02169	0.03002	0.03357	0.02092	0.02243	0.03189

0.03638	0.02189	0.02169	0.03002	0.03357	0.02092	0.02243	0.03189
0.03639	0.02190	0.02170	0.03002	0.03358	0.02093	0.02244	0.03190
0.03640	0.02190	0.02170	0.03003	0.03358	0.02093	0.02245	0.03190
0.03640	0.02191	0.02171	0.03003	0.03359	0.02094	0.02245	0.03191
0.03641	0.02191	0.02171	0.03004	0.03359	0.02094	0.02246	0.03192
0.03642	0.02192	0.02171	0.03004	0.03360	0.02095	0.02246	0.03192
0.03642	0.02192	0.02171	0.03004	0.03360	0.02095	0.02246	0.03192
0.03642	0.02192	0.02172	0.03004	0.03360	0.02095	0.02246	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02246	0.03193
0.03642	0.02192	0.02171	0.03004	0.03360	0.02095	0.02246	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02247	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02247	0.03193
0.03643	0.02192	0.02171	0.03004	0.03360	0.02095	0.02246	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02247	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02247	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02172	0.03004	0.03360	0.02095	0.02247	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02094	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02094	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03644	0.02192	0.02171	0.03003	0.03359	0.02095	0.02247	0.03193
0.03643	0.02192	0.02171	0.03003	0.03359	0.02095	0.02246	0.03193
0.03644	0.02193	0.02172	0.03003	0.03359	0.02095	0.02247	0.03194
0.03645	0.02194	0.02173	0.03005	0.03361	0.02096	0.02248	0.03195
0.03646	0.02194	0.02173	0.03005	0.03361	0.02097	0.02249	0.03196
0.03646	0.02195	0.02173	0.03006	0.03362	0.02097	0.02249	0.03196
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03197
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03197
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03196
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03197
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03197
0.03647	0.02195	0.02174	0.03006	0.03362	0.02097	0.02249	0.03196
0.03646	0.02195	0.02173	0.03005	0.03361	0.02097	0.02249	0.03196
0.03643	0.02192	0.02171	0.03002	0.03359	0.02094	0.02246	0.03193
0.03642	0.02191	0.02170	0.03001	0.03357	0.02093	0.02245	0.03192
0.03643	0.02192	0.02170	0.03002	0.03358	0.02094	0.02246	0.03192
0.03645	0.02193	0.02172	0.03004	0.03360	0.02096	0.02247	0.03194
0.03647	0.02195	0.02173	0.03005	0.03361	0.02097	0.02248	0.03195
0.03650	0.02197	0.02175	0.03008	0.03364	0.02099	0.02250	0.03198
0.03653	0.02199	0.02178	0.03011	0.03367	0.02101	0.02253	0.03200
0.03656	0.02202	0.02180	0.03014	0.03370	0.02104	0.02256	0.03204
0.03657	0.02203	0.02181	0.03014	0.03371	0.02105	0.02257	0.03205
0.03657	0.02203	0.02181	0.03015	0.03371	0.02105	0.02257	0.03206
0.03658	0.02203	0.02182	0.03015	0.03371	0.02105	0.02258	0.03207

0.03658	0.02204	0.02183	0.03015	0.03372	0.02106	0.02259	0.03209
0.03658	0.02204	0.02183	0.03016	0.03372	0.02106	0.02260	0.03211
0.03658	0.02205	0.02184	0.03016	0.03372	0.02106	0.02261	0.03213
0.03659	0.02206	0.02185	0.03017	0.03373	0.02107	0.02263	0.03215
0.03660	0.02207	0.02186	0.03019	0.03374	0.02108	0.02264	0.03218
0.03661	0.02208	0.02187	0.03019	0.03374	0.02109	0.02265	0.03220
0.03662	0.02208	0.02188	0.03020	0.03375	0.02110	0.02267	0.03222
0.03662	0.02209	0.02189	0.03021	0.03375	0.02110	0.02268	0.03224
0.03662	0.02210	0.02189	0.03022	0.03375	0.02111	0.02269	0.03226
0.03663	0.02210	0.02190	0.03023	0.03376	0.02111	0.02270	0.03228
0.03660	0.02209	0.02189	0.03020	0.03373	0.02109	0.02268	0.03226
0.03658	0.02207	0.02187	0.03019	0.03371	0.02108	0.02267	0.03226
0.03659	0.02208	0.02188	0.03020	0.03372	0.02108	0.02268	0.03227
0.03661	0.02210	0.02190	0.03021	0.03373	0.02110	0.02270	0.03231
0.03664	0.02212	0.02192	0.03024	0.03376	0.02112	0.02273	0.03234
0.03667	0.02215	0.02195	0.03027	0.03379	0.02115	0.02276	0.03238
0.03670	0.02218	0.02197	0.03030	0.03381	0.02117	0.02279	0.03242
0.03674	0.02221	0.02201	0.03034	0.03385	0.02121	0.02282	0.03247
0.03675	0.02222	0.02202	0.03035	0.03385	0.02121	0.02283	0.03248
0.03675	0.02223	0.02203	0.03037	0.03386	0.02122	0.02284	0.03250
0.03676	0.02223	0.02204	0.03039	0.03386	0.02123	0.02285	0.03251
0.03676	0.02224	0.02205	0.03041	0.03386	0.02123	0.02286	0.03252
0.03677	0.02224	0.02206	0.03043	0.03386	0.02124	0.02287	0.03253
0.03677	0.02225	0.02207	0.03046	0.03386	0.02124	0.02288	0.03254
0.03677	0.02225	0.02208	0.03048	0.03387	0.02125	0.02289	0.03255
0.03679	0.02227	0.02210	0.03051	0.03388	0.02126	0.02290	0.03257
0.03680	0.02228	0.02212	0.03053	0.03388	0.02127	0.02291	0.03259
0.03681	0.02229	0.02213	0.03056	0.03389	0.02128	0.02293	0.03261
0.03681	0.02229	0.02214	0.03058	0.03389	0.02129	0.02294	0.03262
0.03681	0.02230	0.02215	0.03060	0.03390	0.02130	0.02294	0.03263
0.03679	0.02229	0.02214	0.03059	0.03388	0.02128	0.02293	0.03261
0.03676	0.02226	0.02212	0.03058	0.03385	0.02126	0.02291	0.03259
0.03676	0.02227	0.02213	0.03059	0.03385	0.02127	0.02292	0.03260
0.03678	0.02229	0.02216	0.03063	0.03387	0.02129	0.02295	0.03263
0.03680	0.02231	0.02218	0.03066	0.03388	0.02131	0.02296	0.03265
0.03683	0.02233	0.02221	0.03069	0.03390	0.02133	0.02299	0.03269
0.03686	0.02236	0.02224	0.03074	0.03392	0.02136	0.02302	0.03273
0.03689	0.02239	0.02227	0.03078	0.03395	0.02139	0.02306	0.03277
0.03692	0.02241	0.02229	0.03081	0.03398	0.02141	0.02308	0.03280
0.03693	0.02242	0.02231	0.03083	0.03400	0.02142	0.02309	0.03281
0.03693	0.02242	0.02231	0.03084	0.03401	0.02143	0.02310	0.03282
0.03693	0.02243	0.02232	0.03086	0.03403	0.02144	0.02310	0.03283
0.03693	0.02244	0.02233	0.03087	0.03405	0.02145	0.02311	0.03284
0.03693	0.02244	0.02233	0.03088	0.03407	0.02145	0.02311	0.03284
0.03694	0.02245	0.02234	0.03089	0.03409	0.02146	0.02312	0.03285
0.03694	0.02245	0.02235	0.03090	0.03411	0.02147	0.02313	0.03286
0.03696	0.02247	0.02237	0.03092	0.03414	0.02149	0.02314	0.03287
0.03697	0.02248	0.02238	0.03094	0.03417	0.02151	0.02316	0.03289
0.03698	0.02249	0.02240	0.03095	0.03420	0.02152	0.02317	0.03290

0.03699	0.02250	0.02240	0.03096	0.03421	0.02153	0.02317	0.03291
0.03699	0.02251	0.02241	0.03097	0.03423	0.02154	0.02318	0.03291
0.03700	0.02251	0.02242	0.03098	0.03425	0.02154	0.02318	0.03292
0.03700	0.02252	0.02242	0.03099	0.03426	0.02155	0.02319	0.03292
0.03700	0.02252	0.02243	0.03099	0.03428	0.02156	0.02319	0.03292
0.03701	0.02253	0.02243	0.03100	0.03429	0.02156	0.02320	0.03293
0.03701	0.02253	0.02244	0.03101	0.03430	0.02157	0.02320	0.03293
0.03701	0.02253	0.02244	0.03101	0.03431	0.02157	0.02320	0.03293
0.03702	0.02254	0.02245	0.03102	0.03432	0.02158	0.02321	0.03294
0.03702	0.02253	0.02245	0.03102	0.03433	0.02158	0.02320	0.03293
0.03702	0.02254	0.02245	0.03102	0.03434	0.02158	0.02321	0.03293
0.03702	0.02254	0.02245	0.03103	0.03435	0.02159	0.02321	0.03294
0.03702	0.02254	0.02245	0.03103	0.03435	0.02159	0.02321	0.03293
0.03702	0.02254	0.02246	0.03104	0.03436	0.02159	0.02321	0.03294
0.03702	0.02255	0.02246	0.03104	0.03437	0.02160	0.02321	0.03294
0.03702	0.02255	0.02246	0.03104	0.03437	0.02160	0.02321	0.03293
0.03703	0.02255	0.02246	0.03104	0.03438	0.02160	0.02321	0.03293
0.03703	0.02255	0.02247	0.03105	0.03439	0.02160	0.02322	0.03294
0.03703	0.02255	0.02247	0.03105	0.03440	0.02161	0.02322	0.03294
0.03701	0.02254	0.02245	0.03103	0.03438	0.02159	0.02320	0.03292
0.03700	0.02253	0.02245	0.03102	0.03437	0.02158	0.02319	0.03290
0.03700	0.02253	0.02245	0.03103	0.03438	0.02159	0.02320	0.03291
0.03703	0.02255	0.02247	0.03106	0.03441	0.02161	0.02322	0.03293
0.03706	0.02258	0.02250	0.03109	0.03445	0.02164	0.02324	0.03296
0.03709	0.02260	0.02252	0.03112	0.03448	0.02166	0.02326	0.03298
0.03713	0.02263	0.02256	0.03116	0.03452	0.02169	0.02329	0.03302
0.03717	0.02267	0.02259	0.03120	0.03456	0.02173	0.02333	0.03305
0.03717	0.02267	0.02259	0.03120	0.03457	0.02173	0.02333	0.03306
0.03719	0.02268	0.02260	0.03122	0.03458	0.02174	0.02334	0.03308
0.03719	0.02269	0.02261	0.03122	0.03459	0.02175	0.02335	0.03309
0.03720	0.02270	0.02261	0.03123	0.03460	0.02175	0.02336	0.03310
0.03720	0.02270	0.02262	0.03123	0.03460	0.02176	0.02337	0.03311
0.03721	0.02271	0.02262	0.03124	0.03461	0.02176	0.02338	0.03313
0.03721	0.02272	0.02263	0.03124	0.03461	0.02177	0.02339	0.03314
0.03722	0.02273	0.02263	0.03125	0.03462	0.02177	0.02340	0.03316
0.03723	0.02274	0.02264	0.03125	0.03462	0.02178	0.02341	0.03318
0.03725	0.02275	0.02265	0.03127	0.03464	0.02179	0.02343	0.03320
0.03726	0.02277	0.02267	0.03128	0.03465	0.02180	0.02344	0.03323
0.03727	0.02278	0.02268	0.03129	0.03466	0.02181	0.02345	0.03325
0.03727	0.02278	0.02267	0.03128	0.03465	0.02181	0.02345	0.03325
0.03724	0.02275	0.02264	0.03124	0.03462	0.02178	0.02343	0.03322
0.03722	0.02274	0.02263	0.03122	0.03460	0.02177	0.02342	0.03321
0.03724	0.02275	0.02264	0.03124	0.03461	0.02178	0.02343	0.03324
0.03728	0.02279	0.02267	0.03128	0.03465	0.02181	0.02346	0.03329
0.03732	0.02281	0.02269	0.03131	0.03468	0.02183	0.02349	0.03333
0.03737	0.02285	0.02273	0.03135	0.03473	0.02187	0.02353	0.03338
0.03744	0.02290	0.02278	0.03141	0.03478	0.02192	0.02358	0.03344
0.03751	0.02296	0.02284	0.03147	0.03484	0.02197	0.02364	0.03352
0.03753	0.02298	0.02286	0.03149	0.03486	0.02199	0.02366	0.03354

0.03755	0.02301	0.02289	0.03151	0.03488	0.02202	0.02370	0.03357
0.03757	0.02303	0.02292	0.03153	0.03489	0.02204	0.02372	0.03359
0.03759	0.02305	0.02294	0.03154	0.03490	0.02206	0.02375	0.03361
0.03760	0.02307	0.02297	0.03157	0.03492	0.02209	0.02377	0.03363
0.03762	0.02310	0.02300	0.03159	0.03493	0.02211	0.02380	0.03365
0.03763	0.02312	0.02302	0.03160	0.03494	0.02213	0.02382	0.03367
0.03765	0.02314	0.02305	0.03162	0.03495	0.02215	0.02385	0.03370
0.03767	0.02317	0.02308	0.03166	0.03497	0.02218	0.02388	0.03373
0.03769	0.02319	0.02310	0.03168	0.03498	0.02220	0.02391	0.03376
0.03771	0.02322	0.02313	0.03171	0.03501	0.02223	0.02394	0.03379
0.03773	0.02324	0.02316	0.03173	0.03502	0.02225	0.02396	0.03381
0.03774	0.02325	0.02317	0.03174	0.03502	0.02226	0.02397	0.03383
0.03776	0.02327	0.02319	0.03176	0.03504	0.02228	0.02400	0.03385
0.03777	0.02329	0.02321	0.03178	0.03504	0.02229	0.02401	0.03387
0.03777	0.02330	0.02322	0.03179	0.03505	0.02231	0.02403	0.03388
0.03775	0.02329	0.02321	0.03178	0.03503	0.02229	0.02401	0.03387
0.03774	0.02328	0.02320	0.03177	0.03501	0.02229	0.02401	0.03386
0.03775	0.02329	0.02321	0.03178	0.03502	0.02230	0.02402	0.03388
0.03778	0.02333	0.02325	0.03182	0.03505	0.02233	0.02406	0.03392
0.03782	0.02336	0.02328	0.03186	0.03509	0.02236	0.02409	0.03396
0.03786	0.02339	0.02332	0.03189	0.03512	0.02239	0.02413	0.03401
0.03791	0.02343	0.02336	0.03194	0.03516	0.02243	0.02417	0.03406
0.03796	0.02348	0.02340	0.03199	0.03521	0.02247	0.02421	0.03411
0.03797	0.02349	0.02341	0.03201	0.03522	0.02248	0.02423	0.03413
0.03799	0.02350	0.02343	0.03203	0.03523	0.02250	0.02425	0.03415
0.03800	0.02352	0.02344	0.03205	0.03524	0.02251	0.02426	0.03417
0.03801	0.02352	0.02345	0.03206	0.03524	0.02252	0.02427	0.03418
0.03802	0.02353	0.02347	0.03208	0.03525	0.02253	0.02428	0.03419
0.03803	0.02354	0.02348	0.03210	0.03526	0.02254	0.02429	0.03420
0.03804	0.02356	0.02350	0.03213	0.03528	0.02256	0.02430	0.03422
0.03807	0.02358	0.02353	0.03217	0.03530	0.02259	0.02433	0.03425
0.03808	0.02360	0.02354	0.03219	0.03532	0.02260	0.02434	0.03427
0.03809	0.02361	0.02356	0.03222	0.03533	0.02261	0.02436	0.03428
0.03810	0.02362	0.02357	0.03224	0.03534	0.02262	0.02437	0.03429
0.03811	0.02362	0.02358	0.03226	0.03535	0.02264	0.02438	0.03430
0.03811	0.02363	0.02359	0.03227	0.03536	0.02264	0.02438	0.03431
0.03812	0.02364	0.02360	0.03229	0.03537	0.02265	0.02439	0.03432
0.03810	0.02363	0.02359	0.03229	0.03535	0.02264	0.02438	0.03431
0.03805	0.02359	0.02356	0.03225	0.03531	0.02260	0.02434	0.03426
0.03804	0.02358	0.02355	0.03225	0.03530	0.02260	0.02434	0.03425
0.03807	0.02360	0.02358	0.03229	0.03534	0.02262	0.02436	0.03428
0.03811	0.02364	0.02362	0.03234	0.03538	0.02266	0.02440	0.03433
0.03816	0.02368	0.02367	0.03240	0.03543	0.02270	0.02444	0.03438
0.03822	0.02373	0.02372	0.03247	0.03549	0.02275	0.02449	0.03444
0.03829	0.02379	0.02378	0.03255	0.03556	0.02281	0.02455	0.03452
0.03834	0.02384	0.02383	0.03261	0.03561	0.02286	0.02460	0.03457
0.03837	0.02386	0.02385	0.03264	0.03564	0.02289	0.02463	0.03460
0.03838	0.02389	0.02388	0.03266	0.03566	0.02292	0.02465	0.03461
0.03840	0.02392	0.02391	0.03269	0.03569	0.02296	0.02468	0.03464

0.03842	0.02395	0.02394	0.03272	0.03571	0.02299	0.02470	0.03466
0.03844	0.02398	0.02396	0.03274	0.03573	0.02302	0.02472	0.03467
0.03846	0.02401	0.02399	0.03277	0.03576	0.02305	0.02475	0.03469
0.03849	0.02404	0.02403	0.03280	0.03579	0.02309	0.02478	0.03472
0.03852	0.02408	0.02406	0.03283	0.03582	0.02313	0.02481	0.03475
0.03855	0.02411	0.02409	0.03287	0.03586	0.02316	0.02484	0.03477
0.03857	0.02413	0.02411	0.03288	0.03588	0.02319	0.02486	0.03479
0.03859	0.02415	0.02413	0.03290	0.03590	0.02321	0.02488	0.03480
0.03861	0.02418	0.02416	0.03293	0.03593	0.02324	0.02490	0.03482
0.03863	0.02420	0.02418	0.03295	0.03595	0.02326	0.02492	0.03484
0.03865	0.02422	0.02420	0.03297	0.03597	0.02328	0.02494	0.03485
0.03867	0.02424	0.02422	0.03299	0.03599	0.02330	0.02496	0.03487
0.03868	0.02426	0.02424	0.03301	0.03601	0.02332	0.02497	0.03488
0.03870	0.02427	0.02425	0.03302	0.03603	0.02333	0.02498	0.03489
0.03871	0.02429	0.02426	0.03303	0.03605	0.02335	0.02500	0.03490
0.03873	0.02430	0.02428	0.03305	0.03607	0.02337	0.02502	0.03492
0.03875	0.02432	0.02430	0.03307	0.03609	0.02338	0.02503	0.03493
0.03877	0.02434	0.02432	0.03309	0.03611	0.02340	0.02505	0.03495
0.03878	0.02435	0.02432	0.03310	0.03612	0.02341	0.02506	0.03496
0.03879	0.02435	0.02433	0.03311	0.03613	0.02342	0.02506	0.03496
0.03881	0.02437	0.02435	0.03313	0.03615	0.02344	0.02508	0.03498
0.03881	0.02438	0.02436	0.03313	0.03616	0.02344	0.02509	0.03498
0.03882	0.02438	0.02436	0.03314	0.03617	0.02345	0.02509	0.03499
0.03884	0.02440	0.02438	0.03316	0.03619	0.02347	0.02510	0.03500
0.03885	0.02440	0.02438	0.03316	0.03620	0.02347	0.02511	0.03500
0.03885	0.02441	0.02439	0.03317	0.03620	0.02348	0.02512	0.03501
0.03885	0.02441	0.02439	0.03317	0.03620	0.02348	0.02511	0.03500
0.03883	0.02440	0.02438	0.03315	0.03619	0.02347	0.02510	0.03499
0.03884	0.02440	0.02438	0.03316	0.03620	0.02347	0.02510	0.03499
0.03887	0.02443	0.02441	0.03319	0.03623	0.02350	0.02513	0.03502
0.03889	0.02444	0.02442	0.03321	0.03624	0.02351	0.02515	0.03504
0.03891	0.02446	0.02444	0.03323	0.03626	0.02353	0.02516	0.03506
0.03894	0.02448	0.02446	0.03326	0.03629	0.02356	0.02519	0.03508
0.03896	0.02450	0.02448	0.03328	0.03632	0.02357	0.02521	0.03510
0.03898	0.02451	0.02449	0.03329	0.03634	0.02358	0.02522	0.03511
0.03898	0.02452	0.02450	0.03330	0.03637	0.02359	0.02522	0.03512
0.03899	0.02452	0.02450	0.03330	0.03639	0.02359	0.02522	0.03512
0.03899	0.02453	0.02451	0.03331	0.03642	0.02360	0.02523	0.03513
0.03901	0.02454	0.02452	0.03332	0.03645	0.02361	0.02524	0.03514
0.03902	0.02455	0.02453	0.03333	0.03648	0.02362	0.02525	0.03515
0.03903	0.02455	0.02453	0.03334	0.03651	0.02363	0.02525	0.03516
0.03905	0.02457	0.02455	0.03336	0.03655	0.02364	0.02527	0.03517
0.03905	0.02458	0.02455	0.03336	0.03657	0.02365	0.02528	0.03518
0.03906	0.02458	0.02456	0.03337	0.03659	0.02366	0.02528	0.03519
0.03907	0.02459	0.02457	0.03338	0.03661	0.02367	0.02529	0.03520
0.03908	0.02459	0.02457	0.03338	0.03663	0.02367	0.02529	0.03520
0.03908	0.02460	0.02457	0.03339	0.03664	0.02368	0.02529	0.03520
0.03909	0.02460	0.02458	0.03340	0.03667	0.02369	0.02530	0.03521
0.03909	0.02461	0.02459	0.03340	0.03668	0.02369	0.02530	0.03521

0.03910	0.02461	0.02459	0.03340	0.03669	0.02369	0.02530	0.03521
0.03908	0.02460	0.02457	0.03338	0.03668	0.02368	0.02529	0.03519
0.03906	0.02458	0.02456	0.03337	0.03667	0.02367	0.02527	0.03517
0.03907	0.02459	0.02457	0.03338	0.03669	0.02368	0.02528	0.03518
0.03910	0.02461	0.02459	0.03340	0.03672	0.02370	0.02530	0.03520
0.03912	0.02463	0.02461	0.03342	0.03675	0.02372	0.02532	0.03521
0.03914	0.02464	0.02462	0.03344	0.03678	0.02373	0.02533	0.03522
0.03916	0.02466	0.02464	0.03346	0.03680	0.02375	0.02535	0.03525
0.03918	0.02468	0.02466	0.03348	0.03683	0.02377	0.02537	0.03528
0.03918	0.02468	0.02466	0.03348	0.03684	0.02377	0.02537	0.03530
0.03918	0.02468	0.02466	0.03348	0.03684	0.02377	0.02537	0.03532
0.03918	0.02468	0.02466	0.03348	0.03684	0.02377	0.02537	0.03534
0.03918	0.02468	0.02466	0.03348	0.03685	0.02377	0.02537	0.03537
0.03919	0.02468	0.02466	0.03349	0.03686	0.02378	0.02537	0.03539
0.03920	0.02469	0.02467	0.03350	0.03687	0.02379	0.02539	0.03542
0.03920	0.02470	0.02468	0.03350	0.03688	0.02380	0.02539	0.03544
0.03922	0.02471	0.02469	0.03352	0.03690	0.02381	0.02541	0.03547
0.03923	0.02472	0.02470	0.03353	0.03691	0.02382	0.02542	0.03549
0.03923	0.02472	0.02471	0.03353	0.03692	0.02382	0.02543	0.03551
0.03924	0.02473	0.02471	0.03354	0.03693	0.02383	0.02544	0.03553
0.03924	0.02474	0.02472	0.03355	0.03694	0.02383	0.02544	0.03555
0.03925	0.02474	0.02472	0.03355	0.03694	0.02384	0.02545	0.03556
0.03925	0.02475	0.02473	0.03356	0.03695	0.02384	0.02546	0.03558
0.03926	0.02475	0.02473	0.03356	0.03696	0.02385	0.02546	0.03559
0.03926	0.02475	0.02474	0.03357	0.03696	0.02385	0.02547	0.03560
0.03926	0.02476	0.02474	0.03357	0.03697	0.02385	0.02547	0.03561
0.03926	0.02476	0.02474	0.03357	0.03697	0.02385	0.02548	0.03562
0.03927	0.02476	0.02475	0.03357	0.03697	0.02386	0.02548	0.03563
0.03927	0.02477	0.02475	0.03358	0.03698	0.02386	0.02549	0.03564
0.03927	0.02477	0.02475	0.03358	0.03698	0.02387	0.02549	0.03565
0.03926	0.02476	0.02474	0.03357	0.03696	0.02385	0.02548	0.03564
0.03925	0.02475	0.02473	0.03356	0.03695	0.02384	0.02547	0.03563
0.03925	0.02476	0.02474	0.03356	0.03696	0.02385	0.02548	0.03564
0.03927	0.02478	0.02476	0.03359	0.03698	0.02387	0.02550	0.03567
0.03928	0.02480	0.02478	0.03361	0.03701	0.02389	0.02552	0.03570
0.03930	0.02482	0.02480	0.03363	0.03703	0.02391	0.02554	0.03572
0.03933	0.02483	0.02481	0.03365	0.03704	0.02392	0.02556	0.03574
0.03937	0.02485	0.02484	0.03368	0.03707	0.02394	0.02558	0.03577
0.03940	0.02485	0.02483	0.03367	0.03706	0.02394	0.02558	0.03577
0.03944	0.02485	0.02483	0.03367	0.03706	0.02394	0.02558	0.03577
0.03947	0.02485	0.02483	0.03367	0.03706	0.02394	0.02558	0.03577
0.03950	0.02485	0.02483	0.03367	0.03706	0.02394	0.02558	0.03578
0.03953	0.02485	0.02483	0.03367	0.03706	0.02394	0.02558	0.03578
0.03956	0.02485	0.02484	0.03367	0.03706	0.02394	0.02558	0.03578
0.03959	0.02487	0.02485	0.03369	0.03707	0.02395	0.02560	0.03580
0.03962	0.02488	0.02486	0.03370	0.03708	0.02396	0.02561	0.03581
0.03965	0.02489	0.02487	0.03371	0.03710	0.02397	0.02562	0.03582
0.03968	0.02490	0.02487	0.03371	0.03710	0.02398	0.02562	0.03583
0.03970	0.02490	0.02487	0.03372	0.03711	0.02398	0.02563	0.03584

0.03972	0.02491	0.02488	0.03372	0.03711	0.02399	0.02563	0.03585
0.03971	0.02490	0.02486	0.03370	0.03709	0.02397	0.02562	0.03583
0.03970	0.02488	0.02485	0.03368	0.03707	0.02395	0.02560	0.03581
0.03972	0.02489	0.02485	0.03369	0.03708	0.02396	0.02561	0.03581
0.03975	0.02491	0.02487	0.03370	0.03710	0.02398	0.02562	0.03583
0.03978	0.02493	0.02488	0.03372	0.03712	0.02399	0.02564	0.03585
0.03981	0.02495	0.02490	0.03373	0.03714	0.02401	0.02566	0.03588
0.03984	0.02496	0.02491	0.03375	0.03716	0.02402	0.02568	0.03590
0.03986	0.02498	0.02493	0.03377	0.03717	0.02404	0.02569	0.03591
0.03988	0.02500	0.02494	0.03379	0.03719	0.02405	0.02570	0.03593
0.03989	0.02499	0.02494	0.03380	0.03718	0.02405	0.02570	0.03592
0.03990	0.02500	0.02494	0.03381	0.03719	0.02405	0.02570	0.03593
0.03990	0.02500	0.02494	0.03383	0.03719	0.02405	0.02570	0.03593
0.03991	0.02500	0.02494	0.03384	0.03719	0.02405	0.02570	0.03593
0.03992	0.02501	0.02495	0.03386	0.03720	0.02406	0.02571	0.03594
0.03994	0.02502	0.02496	0.03389	0.03721	0.02407	0.02573	0.03596
0.03996	0.02503	0.02497	0.03391	0.03722	0.02408	0.02574	0.03597
0.03997	0.02504	0.02498	0.03393	0.03723	0.02409	0.02575	0.03598
0.03998	0.02505	0.02499	0.03395	0.03723	0.02409	0.02575	0.03598
0.03999	0.02505	0.02499	0.03396	0.03724	0.02410	0.02575	0.03599
0.03999	0.02505	0.02500	0.03397	0.03724	0.02410	0.02576	0.03599
0.03998	0.02504	0.02498	0.03397	0.03722	0.02409	0.02574	0.03597
0.03993	0.02500	0.02494	0.03392	0.03717	0.02405	0.02570	0.03592
0.03991	0.02498	0.02493	0.03391	0.03716	0.02403	0.02569	0.03591
0.03995	0.02501	0.02496	0.03395	0.03718	0.02406	0.02571	0.03594
0.03999	0.02504	0.02499	0.03400	0.03722	0.02409	0.02575	0.03598
0.04003	0.02508	0.02503	0.03404	0.03726	0.02413	0.02578	0.03602
0.04008	0.02512	0.02507	0.03410	0.03730	0.02416	0.02582	0.03607
0.04013	0.02516	0.02511	0.03415	0.03734	0.02420	0.02586	0.03611
0.04016	0.02518	0.02513	0.03418	0.03737	0.02422	0.02589	0.03614
0.04017	0.02519	0.02514	0.03419	0.03738	0.02424	0.02590	0.03615
0.04017	0.02519	0.02515	0.03420	0.03739	0.02424	0.02590	0.03616
0.04018	0.02520	0.02516	0.03421	0.03740	0.02425	0.02591	0.03616
0.04019	0.02520	0.02516	0.03422	0.03741	0.02426	0.02591	0.03617
0.04019	0.02520	0.02517	0.03423	0.03743	0.02427	0.02591	0.03617
0.04019	0.02521	0.02518	0.03424	0.03744	0.02428	0.02592	0.03618
0.04021	0.02523	0.02520	0.03427	0.03748	0.02430	0.02594	0.03619
0.04022	0.02524	0.02521	0.03429	0.03750	0.02431	0.02594	0.03620
0.04023	0.02524	0.02522	0.03430	0.03752	0.02432	0.02595	0.03621
0.04024	0.02526	0.02524	0.03433	0.03755	0.02434	0.02596	0.03622
0.04024	0.02526	0.02524	0.03433	0.03756	0.02434	0.02596	0.03622
0.04025	0.02527	0.02525	0.03435	0.03758	0.02436	0.02597	0.03623
0.04025	0.02527	0.02526	0.03436	0.03760	0.02437	0.02598	0.03623
0.04025	0.02527	0.02527	0.03437	0.03762	0.02437	0.02598	0.03623
0.04020	0.02524	0.02523	0.03434	0.03758	0.02434	0.02594	0.03618
0.04017	0.02521	0.02521	0.03431	0.03756	0.02432	0.02591	0.03615
0.04017	0.02521	0.02521	0.03432	0.03758	0.02432	0.02592	0.03615
0.04021	0.02525	0.02525	0.03437	0.03763	0.02436	0.02596	0.03619
0.04025	0.02529	0.02530	0.03443	0.03769	0.02441	0.02600	0.03624

0.04029	0.02533	0.02534	0.03448	0.03775	0.02445	0.02604	0.03629
0.04034	0.02537	0.02539	0.03454	0.03781	0.02449	0.02608	0.03633
0.04041	0.02542	0.02544	0.03461	0.03787	0.02454	0.02613	0.03639
0.04044	0.02543	0.02545	0.03462	0.03789	0.02455	0.02613	0.03639
0.04049	0.02545	0.02546	0.03464	0.03791	0.02457	0.02614	0.03640
0.04054	0.02547	0.02547	0.03465	0.03793	0.02459	0.02616	0.03641
0.04058	0.02549	0.02548	0.03466	0.03794	0.02460	0.02616	0.03641
0.04063	0.02551	0.02549	0.03468	0.03797	0.02462	0.02618	0.03643
0.04069	0.02554	0.02551	0.03470	0.03800	0.02464	0.02619	0.03644
0.04073	0.02556	0.02553	0.03472	0.03803	0.02466	0.02621	0.03645
0.04079	0.02558	0.02554	0.03474	0.03805	0.02468	0.02622	0.03647
0.04083	0.02560	0.02556	0.03475	0.03808	0.02470	0.02624	0.03647
0.04086	0.02562	0.02556	0.03476	0.03809	0.02471	0.02624	0.03648
0.04090	0.02563	0.02557	0.03477	0.03811	0.02472	0.02625	0.03648
0.04093	0.02565	0.02558	0.03478	0.03813	0.02474	0.02626	0.03649
0.04096	0.02565	0.02558	0.03478	0.03814	0.02474	0.02626	0.03648
0.04099	0.02567	0.02559	0.03479	0.03816	0.02476	0.02627	0.03649
0.04102	0.02568	0.02560	0.03479	0.03817	0.02477	0.02628	0.03649
0.04105	0.02569	0.02561	0.03480	0.03819	0.02477	0.02628	0.03649
0.04107	0.02570	0.02561	0.03480	0.03820	0.02478	0.02629	0.03650
0.04105	0.02568	0.02558	0.03477	0.03818	0.02476	0.02626	0.03646
0.04104	0.02566	0.02556	0.03473	0.03815	0.02474	0.02624	0.03643
0.04107	0.02567	0.02557	0.03474	0.03817	0.02475	0.02625	0.03644
0.04113	0.02571	0.02561	0.03479	0.03822	0.02479	0.02629	0.03648
0.04118	0.02575	0.02564	0.03482	0.03826	0.02482	0.02632	0.03651
0.04123	0.02579	0.02567	0.03486	0.03830	0.02486	0.02635	0.03655
0.04128	0.02582	0.02571	0.03490	0.03834	0.02489	0.02639	0.03658
0.04133	0.02586	0.02574	0.03493	0.03839	0.02493	0.02642	0.03662
0.04135	0.02587	0.02574	0.03494	0.03841	0.02493	0.02643	0.03663
0.04138	0.02588	0.02575	0.03494	0.03844	0.02494	0.02643	0.03663
0.04139	0.02588	0.02575	0.03494	0.03846	0.02495	0.02643	0.03663
0.04143	0.02590	0.02576	0.03496	0.03849	0.02496	0.02645	0.03664
0.04147	0.02592	0.02578	0.03498	0.03853	0.02498	0.02647	0.03666
0.04151	0.02594	0.02580	0.03499	0.03857	0.02500	0.02648	0.03668
0.04154	0.02595	0.02581	0.03500	0.03860	0.02502	0.02649	0.03669
0.04157	0.02596	0.02581	0.03501	0.03863	0.02503	0.02650	0.03670
0.04159	0.02597	0.02582	0.03501	0.03865	0.02504	0.02650	0.03670
0.04162	0.02599	0.02583	0.03502	0.03867	0.02505	0.02651	0.03671
0.04164	0.02600	0.02583	0.03502	0.03870	0.02506	0.02652	0.03671
0.04166	0.02600	0.02584	0.03502	0.03871	0.02506	0.02652	0.03671
0.04168	0.02601	0.02584	0.03503	0.03873	0.02507	0.02653	0.03672
0.04170	0.02602	0.02585	0.03503	0.03875	0.02508	0.02653	0.03672
0.04172	0.02603	0.02585	0.03503	0.03876	0.02509	0.02653	0.03672
0.04174	0.02604	0.02585	0.03503	0.03878	0.02510	0.02654	0.03673
0.04176	0.02604	0.02586	0.03503	0.03879	0.02510	0.02654	0.03673
0.04173	0.02601	0.02582	0.03499	0.03876	0.02507	0.02651	0.03668
0.04171	0.02599	0.02580	0.03496	0.03875	0.02505	0.02649	0.03666
0.04173	0.02601	0.02581	0.03497	0.03876	0.02506	0.02650	0.03667
0.04178	0.02604	0.02584	0.03500	0.03881	0.02509	0.02653	0.03670

0.04183	0.02608	0.02588	0.03504	0.03886	0.02513	0.02656	0.03674
0.04188	0.02611	0.02590	0.03507	0.03890	0.02516	0.02659	0.03677
0.04192	0.02614	0.02593	0.03509	0.03894	0.02519	0.02662	0.03680
0.04197	0.02617	0.02596	0.03513	0.03898	0.02523	0.02665	0.03683
0.04198	0.02618	0.02596	0.03514	0.03899	0.02523	0.02665	0.03683
0.04200	0.02618	0.02597	0.03515	0.03900	0.02524	0.02666	0.03684
0.04201	0.02619	0.02598	0.03516	0.03902	0.02524	0.02667	0.03685
0.04202	0.02620	0.02598	0.03517	0.03902	0.02525	0.02667	0.03685
0.04204	0.02621	0.02600	0.03519	0.03904	0.02526	0.02668	0.03687
0.04206	0.02623	0.02602	0.03522	0.03906	0.02528	0.02670	0.03690
0.04208	0.02624	0.02603	0.03524	0.03908	0.02529	0.02672	0.03692
0.04210	0.02625	0.02605	0.03526	0.03910	0.02530	0.02674	0.03694
0.04212	0.02627	0.02607	0.03529	0.03912	0.02532	0.02675	0.03696
0.04213	0.02628	0.02607	0.03530	0.03913	0.02533	0.02676	0.03697
0.04214	0.02628	0.02608	0.03531	0.03913	0.02533	0.02677	0.03698
0.04215	0.02629	0.02609	0.03532	0.03914	0.02534	0.02678	0.03699
0.04216	0.02630	0.02610	0.03534	0.03915	0.02535	0.02679	0.03700
0.04217	0.02630	0.02611	0.03535	0.03916	0.02535	0.02679	0.03701
0.04218	0.02631	0.02612	0.03536	0.03916	0.02536	0.02680	0.03702
0.04218	0.02631	0.02612	0.03537	0.03917	0.02536	0.02681	0.03703
0.04219	0.02632	0.02613	0.03537	0.03917	0.02537	0.02681	0.03704
0.04220	0.02633	0.02614	0.03539	0.03918	0.02537	0.02682	0.03705
0.04220	0.02633	0.02614	0.03540	0.03919	0.02538	0.02683	0.03706
0.04220	0.02633	0.02614	0.03540	0.03919	0.02538	0.02683	0.03707
0.04222	0.02634	0.02616	0.03541	0.03920	0.02539	0.02684	0.03708
0.04223	0.02635	0.02617	0.03543	0.03921	0.02540	0.02685	0.03709
0.04223	0.02636	0.02617	0.03543	0.03921	0.02540	0.02686	0.03710
0.04225	0.02637	0.02618	0.03545	0.03922	0.02542	0.02687	0.03712
0.04225	0.02637	0.02619	0.03546	0.03923	0.02542	0.02687	0.03712
0.04225	0.02637	0.02619	0.03546	0.03923	0.02542	0.02688	0.03713
0.04226	0.02638	0.02620	0.03547	0.03923	0.02543	0.02688	0.03714
0.04227	0.02639	0.02621	0.03548	0.03924	0.02544	0.02689	0.03715
0.04227	0.02639	0.02621	0.03548	0.03924	0.02543	0.02689	0.03715
0.04228	0.02640	0.02622	0.03549	0.03925	0.02544	0.02690	0.03716
0.04228	0.02640	0.02622	0.03550	0.03926	0.02545	0.02691	0.03717
0.04229	0.02641	0.02623	0.03551	0.03926	0.02545	0.02691	0.03718
0.04230	0.02642	0.02624	0.03552	0.03927	0.02547	0.02693	0.03719
0.04231	0.02642	0.02624	0.03553	0.03928	0.02547	0.02693	0.03720
0.04231	0.02642	0.02625	0.03553	0.03928	0.02547	0.02693	0.03720
0.04232	0.02643	0.02625	0.03554	0.03928	0.02548	0.02694	0.03721
0.04232	0.02643	0.02626	0.03554	0.03929	0.02548	0.02694	0.03721
0.04232	0.02644	0.02626	0.03555	0.03929	0.02548	0.02695	0.03722
0.04233	0.02644	0.02626	0.03555	0.03929	0.02549	0.02695	0.03722
0.04233	0.02645	0.02627	0.03556	0.03930	0.02549	0.02696	0.03723
0.04234	0.02645	0.02627	0.03556	0.03930	0.02549	0.02696	0.03724
0.04230	0.02642	0.02625	0.03553	0.03927	0.02547	0.02693	0.03721
0.04225	0.02638	0.02620	0.03548	0.03922	0.02542	0.02689	0.03715
0.04224	0.02637	0.02620	0.03548	0.03921	0.02542	0.02689	0.03715
0.04229	0.02641	0.02624	0.03552	0.03926	0.02546	0.02692	0.03720

0.04233	0.02644	0.02627	0.03556	0.03930	0.02549	0.02696	0.03724
0.04237	0.02648	0.02631	0.03561	0.03934	0.02553	0.02699	0.03728
0.04243	0.02652	0.02635	0.03567	0.03940	0.02557	0.02704	0.03733
0.04248	0.02657	0.02640	0.03572	0.03945	0.02562	0.02708	0.03739
0.04252	0.02660	0.02643	0.03576	0.03949	0.02565	0.02711	0.03742
0.04253	0.02662	0.02644	0.03577	0.03949	0.02565	0.02713	0.03743
0.04255	0.02663	0.02644	0.03577	0.03950	0.02566	0.02714	0.03744
0.04257	0.02665	0.02645	0.03578	0.03951	0.02567	0.02715	0.03745
0.04260	0.02667	0.02646	0.03579	0.03952	0.02568	0.02716	0.03747
0.04264	0.02670	0.02647	0.03581	0.03953	0.02570	0.02718	0.03749
0.04267	0.02672	0.02649	0.03582	0.03954	0.02571	0.02720	0.03751
0.04271	0.02674	0.02650	0.03584	0.03956	0.02573	0.02722	0.03753
0.04274	0.02676	0.02651	0.03585	0.03957	0.02574	0.02724	0.03755
0.04278	0.02678	0.02652	0.03586	0.03958	0.02575	0.02725	0.03757
0.04281	0.02680	0.02654	0.03587	0.03959	0.02576	0.02727	0.03759
0.04284	0.02682	0.02655	0.03588	0.03960	0.02577	0.02729	0.03761
0.04287	0.02683	0.02656	0.03588	0.03961	0.02578	0.02730	0.03763
0.04290	0.02685	0.02657	0.03589	0.03962	0.02580	0.02732	0.03765
0.04290	0.02684	0.02655	0.03587	0.03960	0.02578	0.02730	0.03763
0.04285	0.02680	0.02650	0.03581	0.03954	0.02574	0.02726	0.03758
0.04286	0.02680	0.02650	0.03580	0.03953	0.02573	0.02726	0.03758
0.04291	0.02683	0.02652	0.03582	0.03955	0.02576	0.02728	0.03761
0.04298	0.02688	0.02657	0.03588	0.03961	0.02580	0.02733	0.03767
0.04306	0.02694	0.02661	0.03593	0.03966	0.02585	0.02738	0.03772
0.04313	0.02698	0.02666	0.03598	0.03972	0.02590	0.02743	0.03778
0.04321	0.02704	0.02671	0.03604	0.03978	0.02595	0.02749	0.03786
0.04327	0.02708	0.02675	0.03608	0.03982	0.02599	0.02754	0.03793
0.04329	0.02709	0.02676	0.03608	0.03983	0.02600	0.02757	0.03798
0.04331	0.02711	0.02678	0.03609	0.03983	0.02601	0.02760	0.03803
0.04334	0.02713	0.02680	0.03610	0.03985	0.02603	0.02764	0.03809
0.04335	0.02715	0.02682	0.03611	0.03985	0.02603	0.02767	0.03813
0.04337	0.02716	0.02683	0.03612	0.03986	0.02604	0.02769	0.03818
0.04339	0.02718	0.02685	0.03614	0.03987	0.02606	0.02772	0.03824
0.04342	0.02721	0.02688	0.03616	0.03989	0.02608	0.02776	0.03829
0.04345	0.02723	0.02690	0.03618	0.03990	0.02610	0.02779	0.03835
0.04348	0.02727	0.02693	0.03621	0.03992	0.02613	0.02783	0.03841
0.04350	0.02728	0.02695	0.03622	0.03993	0.02614	0.02786	0.03846
0.04352	0.02730	0.02697	0.03624	0.03994	0.02615	0.02788	0.03850
0.04353	0.02732	0.02698	0.03625	0.03995	0.02617	0.02790	0.03854
0.04355	0.02733	0.02700	0.03626	0.03995	0.02618	0.02792	0.03858
0.04349	0.02730	0.02696	0.03621	0.03989	0.02613	0.02789	0.03855
0.04346	0.02727	0.02693	0.03618	0.03985	0.02611	0.02787	0.03854
0.04347	0.02729	0.02695	0.03619	0.03986	0.02612	0.02789	0.03857
0.04353	0.02734	0.02699	0.03624	0.03990	0.02616	0.02795	0.03865
0.04360	0.02739	0.02705	0.03629	0.03996	0.02622	0.02801	0.03873
0.04367	0.02745	0.02710	0.03634	0.04001	0.02627	0.02807	0.03881
0.04374	0.02750	0.02715	0.03641	0.04007	0.02632	0.02813	0.03889
0.04382	0.02757	0.02723	0.03651	0.04013	0.02638	0.02820	0.03899
0.04383	0.02758	0.02725	0.03656	0.04014	0.02639	0.02821	0.03901

0.04385	0.02760	0.02728	0.03662	0.04015	0.02640	0.02823	0.03904
0.04387	0.02762	0.02731	0.03668	0.04016	0.02642	0.02826	0.03908
0.04389	0.02763	0.02734	0.03674	0.04017	0.02644	0.02828	0.03911
0.04391	0.02765	0.02737	0.03679	0.04017	0.02645	0.02830	0.03913
0.04392	0.02766	0.02739	0.03684	0.04018	0.02647	0.02832	0.03916
0.04394	0.02769	0.02742	0.03689	0.04019	0.02649	0.02835	0.03919
0.04397	0.02771	0.02746	0.03695	0.04021	0.02651	0.02838	0.03923
0.04400	0.02775	0.02750	0.03702	0.04024	0.02655	0.02842	0.03928
0.04403	0.02777	0.02754	0.03707	0.04026	0.02657	0.02845	0.03932
0.04405	0.02779	0.02756	0.03712	0.04027	0.02659	0.02848	0.03935
0.04407	0.02781	0.02759	0.03717	0.04028	0.02661	0.02850	0.03939
0.04402	0.02778	0.02757	0.03715	0.04024	0.02659	0.02848	0.03936
0.04396	0.02774	0.02754	0.03713	0.04018	0.02655	0.02844	0.03931
0.04396	0.02774	0.02755	0.03715	0.04017	0.02655	0.02845	0.03933
0.04402	0.02779	0.02760	0.03722	0.04021	0.02660	0.02850	0.03939
0.04406	0.02783	0.02765	0.03729	0.04025	0.02664	0.02855	0.03945
0.04413	0.02789	0.02772	0.03738	0.04030	0.02670	0.02862	0.03953
0.04419	0.02795	0.02777	0.03746	0.04035	0.02675	0.02867	0.03960
0.04427	0.02801	0.02784	0.03755	0.04043	0.02681	0.02874	0.03969
0.04431	0.02805	0.02789	0.03761	0.04050	0.02685	0.02879	0.03974
0.04432	0.02806	0.02790	0.03764	0.04055	0.02687	0.02880	0.03976
0.04433	0.02808	0.02792	0.03767	0.04060	0.02689	0.02882	0.03979
0.04434	0.02809	0.02794	0.03769	0.04066	0.02692	0.02884	0.03981
0.04435	0.02811	0.02796	0.03772	0.04071	0.02694	0.02885	0.03983
0.04436	0.02812	0.02797	0.03774	0.04076	0.02696	0.02886	0.03984
0.04437	0.02813	0.02799	0.03776	0.04080	0.02698	0.02888	0.03986
0.04437	0.02814	0.02800	0.03777	0.04084	0.02699	0.02889	0.03987
0.04439	0.02816	0.02802	0.03780	0.04089	0.02701	0.02890	0.03989
0.04441	0.02818	0.02805	0.03783	0.04095	0.02705	0.02893	0.03992
0.04445	0.02821	0.02808	0.03787	0.04101	0.02708	0.02896	0.03995
0.04447	0.02824	0.02811	0.03790	0.04106	0.02711	0.02898	0.03998
0.04450	0.02826	0.02813	0.03794	0.04111	0.02713	0.02900	0.04
0.04444	0.02822	0.02810	0.03789	0.04108	0.02710	0.02896	0.03995
0.04440	0.02819	0.02807	0.03786	0.04106	0.02708	0.02893	0.03991
0.04442	0.02821	0.02808	0.03788	0.04110	0.02709	0.02895	0.03992
0.04448	0.02826	0.02814	0.03795	0.04118	0.02715	0.02900	0.03998
0.04456	0.02832	0.02820	0.03802	0.04127	0.02721	0.02906	0.04005
0.04463	0.02838	0.02826	0.03810	0.04135	0.02728	0.02911	0.04011
0.04470	0.02843	0.02832	0.03817	0.04144	0.02733	0.02917	0.04018
0.04478	0.02850	0.02839	0.03825	0.04153	0.02740	0.02924	0.04026
0.04480	0.02852	0.02841	0.03828	0.04156	0.02742	0.02926	0.04029
0.04482	0.02855	0.02843	0.03830	0.04160	0.02744	0.02929	0.04032
0.04483	0.02857	0.02844	0.03832	0.04162	0.02746	0.02931	0.04036
0.04485	0.02860	0.02846	0.03834	0.04165	0.02748	0.02934	0.04040
0.04486	0.02861	0.02847	0.03835	0.04167	0.02749	0.02936	0.04043
0.04488	0.02864	0.02849	0.03837	0.04170	0.02751	0.02939	0.04048
0.04490	0.02866	0.02851	0.03838	0.04172	0.02753	0.02942	0.04051
0.04493	0.02869	0.02853	0.03841	0.04175	0.02755	0.02945	0.04056
0.04497	0.02873	0.02856	0.03844	0.04179	0.02758	0.02949	0.04062

0.04501	0.02876	0.02859	0.03847	0.04182	0.02761	0.02952	0.04067
0.04503	0.02878	0.02861	0.03849	0.04184	0.02763	0.02955	0.04071
0.04506	0.02881	0.02863	0.03851	0.04187	0.02765	0.02957	0.04075
0.04508	0.02883	0.02865	0.03853	0.04189	0.02767	0.02960	0.04078
0.04510	0.02884	0.02866	0.03853	0.04190	0.02768	0.02961	0.04081
0.04512	0.02886	0.02868	0.03855	0.04192	0.02770	0.02963	0.04084
0.04503	0.02880	0.02861	0.03846	0.04183	0.02763	0.02957	0.04077
0.04496	0.02874	0.02855	0.03839	0.04176	0.02757	0.02951	0.04071
0.04499	0.02876	0.02856	0.03841	0.04178	0.02758	0.02953	0.04074
0.04508	0.02883	0.02863	0.03849	0.04187	0.02765	0.02961	0.04084
0.04519	0.02891	0.02870	0.03858	0.04196	0.02773	0.02968	0.04095
0.04530	0.02899	0.02878	0.03868	0.04206	0.02780	0.02977	0.04106
0.04542	0.02909	0.02888	0.03878	0.04217	0.02790	0.02987	0.04118
0.04554	0.02920	0.02900	0.03889	0.04228	0.02800	0.02999	0.04130
0.04558	0.02925	0.02907	0.03893	0.04231	0.02806	0.03005	0.04135
0.04564	0.02932	0.02915	0.03898	0.04236	0.02812	0.03013	0.04141
0.04567	0.02937	0.02922	0.03903	0.04239	0.02818	0.03019	0.04145
0.04572	0.02943	0.02929	0.03908	0.04242	0.02824	0.03026	0.04151
0.04577	0.02949	0.02937	0.03914	0.04246	0.02830	0.03033	0.04157
0.04581	0.02955	0.02943	0.03919	0.04250	0.02836	0.03039	0.04162
0.04586	0.02961	0.02951	0.03926	0.04255	0.02843	0.03047	0.04169
0.04593	0.02969	0.02959	0.03934	0.04261	0.02850	0.03054	0.04177
0.04598	0.02975	0.02965	0.03940	0.04265	0.02856	0.03061	0.04184
0.04603	0.02980	0.02971	0.03946	0.04270	0.02861	0.03067	0.04190
0.04607	0.02986	0.02977	0.03951	0.04273	0.02866	0.03073	0.04196
0.04610	0.02990	0.02981	0.03956	0.04276	0.02870	0.03077	0.04201
0.04614	0.02994	0.02986	0.03961	0.04280	0.02875	0.03082	0.04206
0.04617	0.02998	0.02990	0.03965	0.04282	0.02878	0.03086	0.04210
0.04620	0.03001	0.02994	0.03969	0.04285	0.02882	0.03090	0.04214
0.04623	0.03005	0.02998	0.03972	0.04287	0.02885	0.03094	0.04219
0.04626	0.03008	0.03001	0.03976	0.04289	0.02888	0.03097	0.04222
0.04620	0.03004	0.02998	0.03972	0.04284	0.02885	0.03094	0.04218
0.04616	0.03002	0.02995	0.03969	0.04280	0.02882	0.03091	0.04216
0.04619	0.03005	0.02999	0.03973	0.04283	0.02885	0.03095	0.04220
0.04627	0.03011	0.03006	0.03980	0.04289	0.02892	0.03102	0.04228
0.04636	0.03020	0.03014	0.03989	0.04298	0.02899	0.03110	0.04238
0.04645	0.03027	0.03021	0.03998	0.04306	0.02907	0.03118	0.04248
0.04653	0.03034	0.03029	0.04006	0.04313	0.02914	0.03126	0.04257
0.04663	0.03043	0.03037	0.04016	0.04322	0.02922	0.03135	0.04267
0.04666	0.03045	0.03040	0.04021	0.04324	0.02924	0.03138	0.04271
0.04668	0.03048	0.03043	0.04024	0.04326	0.02927	0.03140	0.04274
0.04671	0.03050	0.03046	0.04029	0.04329	0.02929	0.03143	0.04277
0.04673	0.03053	0.03049	0.04034	0.04331	0.02932	0.03146	0.04281
0.04674	0.03054	0.03051	0.04038	0.04332	0.02934	0.03147	0.04282
0.04677	0.03057	0.03055	0.04043	0.04335	0.02937	0.03150	0.04286
0.04681	0.03060	0.03058	0.04049	0.04338	0.02940	0.03153	0.04290
0.04685	0.03063	0.03063	0.04055	0.04342	0.02944	0.03157	0.04294
0.04689	0.03068	0.03068	0.04063	0.04347	0.02949	0.03162	0.04300
0.04693	0.03071	0.03072	0.04069	0.04351	0.02953	0.03165	0.04304

0.04695	0.03073	0.03075	0.04074	0.04353	0.02955	0.03168	0.04307
0.04698	0.03076	0.03078	0.04079	0.04357	0.02958	0.03171	0.04310
0.04700	0.03078	0.03081	0.04083	0.04360	0.02961	0.03173	0.04313
0.04702	0.03080	0.03084	0.04087	0.04362	0.02963	0.03175	0.04315
0.04704	0.03082	0.03087	0.04092	0.04365	0.02966	0.03178	0.04318
0.04706	0.03084	0.03089	0.04096	0.04367	0.02968	0.03180	0.04320
0.04707	0.03086	0.03091	0.04099	0.04369	0.02970	0.03181	0.04322
0.04709	0.03088	0.03094	0.04103	0.04372	0.02972	0.03184	0.04324
0.04710	0.03089	0.03096	0.04106	0.04373	0.02974	0.03185	0.04326
0.04711	0.03090	0.03098	0.04110	0.04375	0.02976	0.03187	0.04327
0.04713	0.03093	0.03100	0.04113	0.04378	0.02978	0.03189	0.04330
0.04715	0.03094	0.03103	0.04117	0.04380	0.02980	0.03191	0.04332
0.04716	0.03096	0.03105	0.04120	0.04382	0.02982	0.03192	0.04333
0.04718	0.03098	0.03107	0.04124	0.04385	0.02984	0.03195	0.04336
0.04720	0.03100	0.03109	0.04127	0.04387	0.02986	0.03197	0.04338
0.04721	0.03101	0.03111	0.04129	0.04389	0.02987	0.03198	0.04339
0.04710	0.03092	0.03103	0.04121	0.04380	0.02980	0.03190	0.04329
0.04701	0.03085	0.03096	0.04113	0.04372	0.02973	0.03182	0.04321
0.04702	0.03086	0.03098	0.04115	0.04374	0.02974	0.03184	0.04322
0.04713	0.03095	0.03107	0.04128	0.04385	0.02982	0.03193	0.04333
0.04724	0.03104	0.03117	0.04140	0.04396	0.02991	0.03203	0.04345
0.04735	0.03112	0.03126	0.04152	0.04406	0.02999	0.03212	0.04356
0.04748	0.03124	0.03137	0.04166	0.04419	0.03011	0.03223	0.04369
0.04762	0.03137	0.03149	0.04180	0.04432	0.03025	0.03235	0.04384
0.04765	0.03143	0.03154	0.04185	0.04436	0.03033	0.03239	0.04388
0.04771	0.03152	0.03161	0.04192	0.04442	0.03042	0.03246	0.04393
0.04776	0.03160	0.03168	0.04197	0.04448	0.03051	0.03252	0.04398
0.04780	0.03167	0.03174	0.04202	0.04453	0.03059	0.03257	0.04402
0.04786	0.03174	0.03181	0.04209	0.04460	0.03067	0.03264	0.04408
0.04792	0.03182	0.03189	0.04215	0.04467	0.03076	0.03271	0.04414
0.04797	0.03189	0.03195	0.04221	0.04473	0.03083	0.03276	0.04418
0.04803	0.03196	0.03202	0.04227	0.04480	0.03090	0.03283	0.04424
0.04811	0.03204	0.03209	0.04235	0.04488	0.03099	0.03290	0.04431
0.04817	0.03211	0.03216	0.04241	0.04494	0.03106	0.03296	0.04436
0.04824	0.03218	0.03223	0.04248	0.04502	0.03113	0.03303	0.04442
0.04829	0.03223	0.03228	0.04252	0.04507	0.03118	0.03307	0.04446
0.04834	0.03228	0.03232	0.04257	0.04512	0.03123	0.03312	0.04450
0.04839	0.03233	0.03237	0.04262	0.04518	0.03129	0.03317	0.04454
0.04843	0.03237	0.03242	0.04266	0.04523	0.03133	0.03321	0.04458
0.04847	0.03241	0.03245	0.04270	0.04527	0.03137	0.03324	0.04461
0.04852	0.03246	0.03250	0.04274	0.04532	0.03142	0.03328	0.04464
0.04857	0.03250	0.03254	0.04279	0.04537	0.03146	0.03332	0.04468
0.04860	0.03253	0.03257	0.04281	0.04540	0.03149	0.03335	0.04470
0.04864	0.03257	0.03260	0.04285	0.04545	0.03153	0.03338	0.04474
0.04867	0.03259	0.03263	0.04288	0.04548	0.03156	0.03341	0.04476
0.04871	0.03262	0.03266	0.04291	0.04552	0.03159	0.03344	0.04479
0.04874	0.03265	0.03269	0.04294	0.04556	0.03162	0.03347	0.04482
0.04878	0.03268	0.03272	0.04297	0.04559	0.03165	0.03349	0.04484
0.04880	0.03270	0.03274	0.04299	0.04562	0.03167	0.03351	0.04486

0.04884	0.03273	0.03277	0.04303	0.04566	0.03170	0.03354	0.04489
0.04887	0.03276	0.03280	0.04306	0.04569	0.03173	0.03357	0.04492
0.04891	0.03279	0.03282	0.04308	0.04572	0.03176	0.03359	0.04494
0.04895	0.03282	0.03286	0.04312	0.04577	0.03179	0.03363	0.04498
0.04899	0.03286	0.03289	0.04316	0.04581	0.03183	0.03366	0.04501
0.04902	0.03289	0.03292	0.04319	0.04584	0.03186	0.03369	0.04505
0.04906	0.03292	0.03295	0.04323	0.04588	0.03189	0.03372	0.04508
0.04909	0.03294	0.03297	0.04325	0.04591	0.03191	0.03374	0.04510
0.04911	0.03296	0.03299	0.04327	0.04593	0.03193	0.03376	0.04512
0.04914	0.03299	0.03302	0.04330	0.04597	0.03196	0.03378	0.04515
0.04917	0.03301	0.03304	0.04333	0.04599	0.03198	0.03380	0.04517
0.04919	0.03302	0.03305	0.04334	0.04601	0.03199	0.03381	0.04518
0.04922	0.03305	0.03307	0.04337	0.04604	0.03202	0.03384	0.04521
0.04924	0.03306	0.03309	0.04339	0.04606	0.03203	0.03385	0.04522
0.04925	0.03307	0.03310	0.04340	0.04607	0.03204	0.03386	0.04523
0.04928	0.03310	0.03312	0.04343	0.04611	0.03207	0.03389	0.04526
0.04930	0.03311	0.03314	0.04344	0.04612	0.03208	0.03390	0.04528
0.04932	0.03312	0.03315	0.04346	0.04614	0.03210	0.03391	0.04529
0.04935	0.03315	0.03317	0.04348	0.04617	0.03212	0.03394	0.04531
0.04938	0.03318	0.03320	0.04352	0.04620	0.03215	0.03397	0.04535
0.04941	0.03320	0.03323	0.04355	0.04623	0.03217	0.03399	0.04537
0.04945	0.03323	0.03326	0.04358	0.04627	0.03220	0.03402	0.04541
0.04947	0.03325	0.03328	0.04360	0.04629	0.03222	0.03404	0.04543
0.04949	0.03326	0.03329	0.04362	0.04631	0.03224	0.03405	0.04544
0.04948	0.03325	0.03328	0.04360	0.04630	0.03222	0.03404	0.04543
0.04945	0.03323	0.03326	0.04358	0.04627	0.03220	0.03402	0.04540
0.04947	0.03324	0.03327	0.04359	0.04628	0.03222	0.03403	0.04542
0.04953	0.03330	0.03332	0.04366	0.04632	0.03227	0.03408	0.04548
0.04957	0.03333	0.03335	0.04369	0.04634	0.0323	0.03411	0.04551
0.04962	0.03337	0.03339	0.04374	0.04639	0.03234	0.03416	0.04556
0.04968	0.03342	0.03345	0.04380	0.04646	0.03239	0.03421	0.04562
0.04974	0.03346	0.03349	0.04385	0.04653	0.03244	0.03425	0.04567
0.04977	0.03349	0.03352	0.04389	0.04659	0.03246	0.03428	0.04570
0.04979	0.03351	0.03353	0.04390	0.04665	0.03248	0.03430	0.04572
0.04980	0.03352	0.03354	0.04391	0.04670	0.03248	0.03430	0.04573
0.04980	0.03352	0.03354	0.04392	0.04675	0.03249	0.03431	0.04573
0.04982	0.03353	0.03356	0.04393	0.04681	0.03250	0.03432	0.04575
0.04983	0.03354	0.03356	0.04394	0.04685	0.03251	0.03433	0.04575
0.04984	0.03355	0.03358	0.04396	0.04691	0.03253	0.03434	0.04577
0.04988	0.03359	0.03361	0.04399	0.04698	0.03256	0.03437	0.04581
0.04991	0.03361	0.03363	0.04402	0.04703	0.03259	0.03439	0.04583
0.04994	0.03363	0.03365	0.04404	0.04709	0.03261	0.03441	0.04586
0.04997	0.03366	0.03368	0.04407	0.04714	0.03264	0.03444	0.04589
0.04998	0.03367	0.03369	0.04409	0.04718	0.03265	0.03445	0.04590
0.05000	0.03368	0.03370	0.04410	0.04722	0.03266	0.03446	0.04591
0.05002	0.03370	0.03372	0.04412	0.04726	0.03269	0.03448	0.04593
0.05004	0.03371	0.03373	0.04414	0.04730	0.03270	0.03449	0.04594
0.05005	0.03372	0.03374	0.04414	0.04732	0.03271	0.03450	0.04595
0.05007	0.03374	0.03376	0.04417	0.04737	0.03273	0.03452	0.04597

0.05008	0.03375	0.03377	0.04418	0.04739	0.03274	0.03452	0.04598
0.05006	0.03373	0.03375	0.04415	0.04739	0.03273	0.03450	0.04595
0.05007	0.03373	0.03376	0.04416	0.04741	0.03273	0.03451	0.04594
0.05010	0.03376	0.03378	0.04419	0.04745	0.03276	0.03453	0.04595
0.05015	0.03380	0.03382	0.04424	0.04751	0.03280	0.03457	0.04598
0.05020	0.03384	0.03386	0.04428	0.04757	0.03284	0.03461	0.04601
0.05025	0.03388	0.03391	0.04434	0.04763	0.03289	0.03465	0.04607
0.05031	0.03393	0.03396	0.04439	0.04770	0.03294	0.03470	0.04614
0.05037	0.03398	0.03401	0.04445	0.04777	0.03299	0.03475	0.04623
0.05038	0.03399	0.03401	0.04445	0.04778	0.03300	0.03475	0.04628
0.05038	0.03399	0.03402	0.04446	0.04780	0.03301	0.03475	0.04633
0.05040	0.03401	0.03403	0.04448	0.04782	0.03302	0.03477	0.04640
0.05041	0.03401	0.03404	0.04448	0.04784	0.03303	0.03478	0.04645
0.05042	0.03402	0.03404	0.04449	0.04785	0.03304	0.03479	0.04649
0.05043	0.03403	0.03406	0.04451	0.04788	0.03305	0.03481	0.04655
0.05045	0.03405	0.03407	0.04453	0.04790	0.03307	0.03483	0.04660
0.05047	0.03406	0.03409	0.04454	0.04792	0.03308	0.03485	0.04665
0.05049	0.03409	0.03411	0.04457	0.04795	0.03311	0.03488	0.04670
0.05051	0.03411	0.03413	0.04459	0.04798	0.03312	0.03490	0.04675
0.05054	0.03413	0.03416	0.04462	0.04801	0.03315	0.03493	0.04681
0.05058	0.03417	0.03419	0.04466	0.04805	0.03318	0.03497	0.04687
0.05060	0.03418	0.03421	0.04468	0.04807	0.03320	0.03499	0.04691
0.05059	0.03418	0.03421	0.04467	0.04807	0.03319	0.03499	0.04692
0.05056	0.03417	0.03419	0.04466	0.04805	0.03318	0.03498	0.04692
0.05055	0.03417	0.03420	0.04466	0.04806	0.03319	0.03499	0.04694
0.05056	0.03421	0.03424	0.04471	0.04811	0.03322	0.03504	0.04701
0.05059	0.03426	0.03429	0.04477	0.04816	0.03327	0.03509	0.04708
0.05064	0.03431	0.03434	0.04482	0.04821	0.03331	0.03514	0.04714
0.05071	0.03435	0.03438	0.04487	0.04826	0.03335	0.03518	0.04720
0.05083	0.03441	0.03444	0.04494	0.04833	0.03341	0.03525	0.04729
0.05092	0.03443	0.03446	0.04496	0.04835	0.03344	0.03527	0.04732
0.05100	0.03443	0.03447	0.04497	0.04836	0.03344	0.03528	0.04734
0.05109	0.03445	0.03449	0.04499	0.04838	0.03346	0.03530	0.04737
0.05116	0.03445	0.03449	0.04499	0.04837	0.03345	0.03530	0.04737
0.05122	0.03446	0.03449	0.04499	0.04838	0.03346	0.03531	0.04739
0.05129	0.03448	0.03450	0.04500	0.04839	0.03347	0.03532	0.04741
0.05135	0.03449	0.03451	0.04501	0.04840	0.03348	0.03533	0.04742
0.05139	0.03449	0.03451	0.04501	0.04840	0.03348	0.03533	0.04743
0.05145	0.03451	0.03453	0.04503	0.04841	0.03350	0.03535	0.04745
0.05152	0.03454	0.03455	0.04506	0.04845	0.03352	0.03538	0.04749
0.05159	0.03458	0.03458	0.04509	0.04848	0.03355	0.03541	0.04753
0.05166	0.03462	0.03462	0.04514	0.04852	0.03359	0.03545	0.04758
0.05172	0.03465	0.03464	0.04516	0.04855	0.03361	0.03548	0.04761
0.05177	0.03467	0.03466	0.04518	0.04857	0.03363	0.03550	0.04764
0.05177	0.03466	0.03464	0.04516	0.04855	0.03361	0.03548	0.04762
0.05178	0.03465	0.03463	0.04514	0.04853	0.03360	0.03547	0.04760
0.05183	0.03468	0.03465	0.04515	0.04856	0.03362	0.03550	0.04764
0.05191	0.03473	0.03471	0.04520	0.04862	0.03368	0.03555	0.04770
0.05197	0.03477	0.03474	0.04523	0.04866	0.03371	0.03559	0.04775

0.05205	0.03482	0.03479	0.04528	0.04872	0.03376	0.03564	0.04781
0.05212	0.03488	0.03483	0.04534	0.04877	0.03381	0.03569	0.04787
0.05219	0.03492	0.03487	0.04540	0.04882	0.03385	0.03573	0.04792
0.05221	0.03493	0.03488	0.04544	0.04883	0.03386	0.03574	0.04794
0.05224	0.03495	0.03489	0.04548	0.04885	0.03387	0.03576	0.04795
0.05225	0.03495	0.03489	0.04551	0.04885	0.03387	0.03576	0.04795
0.05227	0.03496	0.03490	0.04554	0.04885	0.03388	0.03576	0.04796
0.05229	0.03497	0.03491	0.04558	0.04886	0.03389	0.03578	0.04798
0.05231	0.03498	0.03491	0.04561	0.04886	0.03389	0.03578	0.04798
0.05232	0.03498	0.03492	0.04564	0.04887	0.03390	0.03579	0.04799
0.05235	0.03500	0.03494	0.04568	0.04889	0.03391	0.03580	0.04801
0.05237	0.03502	0.03496	0.04572	0.04890	0.03393	0.03582	0.04802
0.05241	0.03504	0.03499	0.04577	0.04893	0.03395	0.03584	0.04806
0.05247	0.03509	0.03503	0.04584	0.04898	0.03400	0.03589	0.04811
0.05251	0.03512	0.03506	0.04589	0.04901	0.03402	0.03592	0.04814
0.05254	0.03514	0.03509	0.04594	0.04903	0.03405	0.03594	0.04817
0.05257	0.03516	0.03511	0.04598	0.04906	0.03407	0.03596	0.04820
0.05259	0.03518	0.03513	0.04601	0.04907	0.03408	0.03598	0.04821
0.05261	0.03519	0.03515	0.04605	0.04909	0.03410	0.03600	0.04823
0.05263	0.03521	0.03517	0.04608	0.04910	0.03412	0.03601	0.04825
0.05265	0.03522	0.03518	0.04610	0.04911	0.03413	0.03602	0.04827
0.05267	0.03523	0.03520	0.04613	0.04913	0.03414	0.03604	0.04828
0.05260	0.03518	0.03514	0.04607	0.04906	0.03409	0.03598	0.04822
0.05249	0.03509	0.03506	0.04598	0.04896	0.03401	0.03590	0.04812
0.05247	0.03510	0.03507	0.04600	0.04896	0.03401	0.03591	0.04812
0.05254	0.03517	0.03515	0.04610	0.04905	0.03409	0.03599	0.04822
0.05259	0.03522	0.03521	0.04618	0.04912	0.03414	0.03605	0.04829
0.05270	0.03531	0.03531	0.04630	0.04923	0.03423	0.03614	0.04841
0.05284	0.03542	0.03542	0.04644	0.04935	0.03434	0.03625	0.04854
0.05302	0.03554	0.03555	0.04659	0.04949	0.03446	0.03638	0.04869
0.05318	0.03564	0.03563	0.04670	0.04959	0.03455	0.03646	0.04879
0.05330	0.03570	0.03568	0.04675	0.04963	0.03459	0.03650	0.04884
0.05341	0.03574	0.03570	0.04679	0.04966	0.03463	0.03653	0.04887
0.05354	0.03581	0.03574	0.04684	0.04971	0.03467	0.03657	0.04891
0.05365	0.03586	0.03577	0.04687	0.04974	0.03471	0.03660	0.04894
0.05378	0.03592	0.03581	0.04692	0.04979	0.03476	0.03665	0.04899
0.05391	0.03598	0.03585	0.04697	0.04985	0.03481	0.03669	0.04903
0.05404	0.03604	0.03590	0.04701	0.04990	0.03486	0.03674	0.04908
0.05416	0.03610	0.03594	0.04706	0.04996	0.03491	0.03678	0.04913
0.05428	0.03616	0.03598	0.04711	0.05002	0.03496	0.03683	0.04917
0.05440	0.03622	0.03603	0.04716	0.05008	0.03502	0.03688	0.04922
0.05450	0.03627	0.03606	0.04719	0.05012	0.03505	0.03692	0.04926
0.05456	0.03628	0.03606	0.04718	0.05013	0.03506	0.03692	0.04925
0.05454	0.03624	0.03601	0.04711	0.05008	0.03501	0.03687	0.04918
0.05459	0.03625	0.03600	0.04710	0.05008	0.03502	0.03687	0.04917
0.05472	0.03634	0.03607	0.04718	0.05017	0.03509	0.03694	0.04925
0.05490	0.03645	0.03618	0.04729	0.05029	0.03520	0.03705	0.04938
0.05507	0.03656	0.03627	0.04740	0.05041	0.03530	0.03715	0.04949
0.05527	0.03670	0.03640	0.04754	0.05055	0.03542	0.03728	0.04964

0.05548	0.03685	0.03653	0.04769	0.05072	0.03556	0.03742	0.04980
0.05563	0.03695	0.03662	0.04779	0.05083	0.03566	0.03751	0.04990
0.05572	0.03700	0.03666	0.04783	0.05089	0.03571	0.03756	0.04996
0.05582	0.03706	0.03672	0.04789	0.05097	0.03577	0.03761	0.05001
0.05588	0.03709	0.03674	0.04791	0.05101	0.03580	0.03763	0.05004
0.05596	0.03714	0.03679	0.04795	0.05109	0.03586	0.03768	0.05008
0.05603	0.03719	0.03683	0.04799	0.05116	0.03591	0.03771	0.05012
0.05607	0.03721	0.03685	0.04802	0.05121	0.03594	0.03773	0.05014
0.05614	0.03725	0.03689	0.04806	0.05129	0.03598	0.03777	0.05018
0.05622	0.03731	0.03694	0.04812	0.05138	0.03604	0.03782	0.05023
0.05628	0.03735	0.03698	0.04816	0.05145	0.03609	0.03785	0.05026
0.05636	0.03741	0.03704	0.04822	0.05155	0.03615	0.03790	0.05032
0.05645	0.03747	0.03710	0.04830	0.05165	0.03622	0.03796	0.05038
0.05652	0.03752	0.03715	0.04835	0.05173	0.03628	0.03801	0.05042
0.05649	0.03749	0.03712	0.04832	0.05173	0.03625	0.03797	0.05038
0.05648	0.03748	0.03711	0.04831	0.05174	0.03625	0.03796	0.05035
0.05653	0.03752	0.03715	0.04835	0.05181	0.03629	0.03799	0.05039
0.05666	0.03762	0.03725	0.04847	0.05193	0.03639	0.03809	0.05049
0.05678	0.03772	0.03735	0.04859	0.05206	0.03650	0.03818	0.05060
0.05691	0.03782	0.03744	0.04871	0.05219	0.03660	0.03828	0.05070
0.05705	0.03793	0.03756	0.04884	0.05235	0.03671	0.03839	0.05082
0.05721	0.03806	0.03768	0.04899	0.05253	0.03684	0.03851	0.05096
0.05726	0.03808	0.03771	0.04902	0.05261	0.03687	0.03853	0.05098
0.05732	0.03813	0.03775	0.04907	0.05271	0.03692	0.03857	0.05102
0.05739	0.03816	0.03779	0.04911	0.05281	0.03696	0.03860	0.05105
0.05744	0.03819	0.03781	0.04914	0.05289	0.03699	0.03862	0.05107
0.05751	0.03823	0.03784	0.04918	0.05299	0.03703	0.03865	0.05110
0.05758	0.03826	0.03788	0.04922	0.05308	0.03707	0.03868	0.05112
0.05764	0.03829	0.03790	0.04925	0.05315	0.03710	0.03870	0.05114
0.05771	0.03833	0.03794	0.04930	0.05325	0.03715	0.03873	0.05118
0.05783	0.03841	0.03801	0.04938	0.05338	0.03723	0.03880	0.05125
0.05791	0.03846	0.03806	0.04943	0.05347	0.03728	0.03884	0.05129
0.05800	0.03852	0.03810	0.04949	0.05357	0.03734	0.03889	0.05134
0.05808	0.03856	0.03815	0.04954	0.05366	0.03739	0.03893	0.05138
0.05814	0.03860	0.03818	0.04957	0.05373	0.03743	0.03896	0.05140
0.05821	0.03864	0.03822	0.04961	0.05381	0.03747	0.03899	0.05144
0.05828	0.03868	0.03825	0.04965	0.05388	0.03751	0.03903	0.05147
0.05833	0.03871	0.03827	0.04968	0.05394	0.03754	0.03905	0.05148
0.05839	0.03875	0.03831	0.04971	0.05400	0.03758	0.03908	0.05151
0.05845	0.03879	0.03834	0.04976	0.05407	0.03763	0.03911	0.05155
0.05849	0.03880	0.03836	0.04977	0.05411	0.03764	0.03912	0.05155
0.05855	0.03884	0.03839	0.04981	0.05418	0.03768	0.03915	0.05158
0.05853	0.03882	0.03837	0.04978	0.05417	0.03767	0.03913	0.05154
0.05848	0.03878	0.03832	0.04972	0.05414	0.03763	0.03908	0.05148
0.05852	0.03880	0.03834	0.04974	0.05418	0.03765	0.03910	0.05149
0.05865	0.03889	0.03843	0.04983	0.05430	0.03774	0.03918	0.05159
0.05875	0.03897	0.03849	0.04990	0.05441	0.03782	0.03925	0.05166
0.05887	0.03906	0.03858	0.05000	0.05453	0.03791	0.03933	0.05175
0.05902	0.03917	0.03868	0.05011	0.05467	0.03801	0.03943	0.05186

0.05917	0.03928	0.03878	0.05024	0.05482	0.03812	0.03954	0.05197
0.05928	0.03936	0.03886	0.05034	0.05492	0.03820	0.03961	0.05206
0.05934	0.03940	0.03891	0.05040	0.05499	0.03825	0.03965	0.05210
0.05939	0.03943	0.03894	0.05045	0.05503	0.03828	0.03968	0.05213
0.05946	0.03948	0.03900	0.05053	0.05511	0.03833	0.03974	0.05220
0.05955	0.03955	0.03907	0.05063	0.05519	0.03840	0.03981	0.05228
0.05963	0.03960	0.03913	0.05071	0.05527	0.03845	0.03986	0.05235
0.05970	0.03966	0.03919	0.05080	0.05534	0.03851	0.03992	0.05243
0.05976	0.03970	0.03924	0.05087	0.05540	0.03855	0.03997	0.05249
0.05980	0.03973	0.03928	0.05092	0.05544	0.03858	0.04001	0.05253
0.05985	0.03977	0.03932	0.05098	0.05549	0.03862	0.04005	0.05259
0.05990	0.03981	0.03937	0.05105	0.05555	0.03867	0.04010	0.05265
0.05993	0.03984	0.03940	0.05110	0.05558	0.03869	0.04013	0.05269
0.05998	0.03988	0.03945	0.05116	0.05562	0.03873	0.04017	0.05274
0.06003	0.03992	0.03949	0.05122	0.05568	0.03878	0.04022	0.05280
0.06006	0.03994	0.03952	0.05126	0.05570	0.03880	0.04024	0.05283
0.06010	0.03998	0.03956	0.05131	0.05575	0.03884	0.04028	0.05288
0.06014	0.04001	0.03960	0.05136	0.05578	0.03886	0.04032	0.05292
0.06017	0.04004	0.03963	0.05141	0.05582	0.03890	0.04035	0.05297
0.06023	0.04008	0.03968	0.05147	0.05587	0.03894	0.04040	0.05303
0.06027	0.04012	0.03972	0.05152	0.05591	0.03898	0.04044	0.05308
0.06026	0.04011	0.03972	0.05152	0.05591	0.03897	0.04044	0.05308
0.06018	0.04006	0.03966	0.05146	0.05583	0.03892	0.04038	0.05301
0.06013	0.04002	0.03963	0.05143	0.05579	0.03888	0.04035	0.05298
0.06020	0.04007	0.03969	0.05150	0.05586	0.03894	0.04041	0.05305
0.06034	0.04018	0.03981	0.05165	0.05600	0.03906	0.04052	0.05319
0.06045	0.04027	0.03991	0.05178	0.05612	0.03916	0.04062	0.05331
0.06060	0.04039	0.04004	0.05193	0.05627	0.03928	0.04074	0.05346
0.06079	0.04056	0.04020	0.05213	0.05646	0.03944	0.04090	0.05365
0.06101	0.04073	0.04037	0.05233	0.05666	0.03960	0.04108	0.05385
0.06107	0.04080	0.04042	0.05240	0.05672	0.03965	0.04113	0.05391
0.06117	0.04088	0.04049	0.05248	0.05679	0.03972	0.04120	0.05399
0.06126	0.04096	0.04054	0.05254	0.05685	0.03977	0.04127	0.05406
0.06136	0.04103	0.04059	0.05260	0.05691	0.03982	0.04133	0.05412
0.06147	0.04112	0.04065	0.05267	0.05697	0.03988	0.04140	0.05420
0.06161	0.04121	0.04072	0.05275	0.05705	0.03995	0.04149	0.05430
0.06173	0.04130	0.04078	0.05282	0.05711	0.04002	0.04156	0.05439
0.06188	0.04139	0.04086	0.05291	0.05720	0.04010	0.04165	0.05449
0.06200	0.04147	0.04092	0.05297	0.05726	0.04016	0.04172	0.05458
0.06210	0.04154	0.04097	0.05302	0.05731	0.04021	0.04178	0.05465
0.06222	0.04161	0.04102	0.05308	0.05736	0.04026	0.04185	0.05473
0.06233	0.04168	0.04107	0.05314	0.05742	0.04032	0.04191	0.05481
0.06233	0.04167	0.04105	0.05309	0.05738	0.04029	0.04190	0.05479
0.06228	0.04162	0.04098	0.05301	0.05729	0.04023	0.04184	0.05473
0.06233	0.04164	0.04099	0.05301	0.05729	0.04024	0.04184	0.05473
0.06249	0.04175	0.04108	0.05312	0.05740	0.04033	0.04193	0.05483
0.06272	0.04191	0.04122	0.05328	0.05757	0.04048	0.04207	0.05499
0.06294	0.04206	0.04135	0.05344	0.05773	0.04062	0.04222	0.05516
0.06319	0.04224	0.04152	0.05363	0.05792	0.04079	0.04240	0.05538

0.06347	0.04244	0.04171	0.05384	0.05814	0.04098	0.04262	0.05565
0.06369	0.04260	0.04186	0.05400	0.05831	0.04112	0.04281	0.05590
0.06380	0.04268	0.04194	0.05407	0.05839	0.04120	0.04294	0.05608
0.06393	0.04278	0.04204	0.05416	0.05847	0.04128	0.04307	0.05628
0.06403	0.04286	0.04212	0.05422	0.05853	0.04135	0.04319	0.05645
0.06414	0.04295	0.04221	0.05430	0.05861	0.04142	0.04331	0.05664
0.06425	0.04304	0.04230	0.05439	0.05868	0.04150	0.04343	0.05682
0.06441	0.04317	0.04242	0.05451	0.05880	0.04161	0.04358	0.05705
0.06453	0.04327	0.04253	0.05462	0.05889	0.04170	0.04371	0.05724
0.06465	0.04338	0.04263	0.05472	0.05897	0.04179	0.04383	0.05743
0.06477	0.04348	0.04272	0.05481	0.05906	0.04188	0.04395	0.05761
0.06485	0.04355	0.04280	0.05488	0.05911	0.04194	0.04404	0.05776
0.06494	0.04363	0.04287	0.05496	0.05917	0.04200	0.04414	0.05791
0.06504	0.04371	0.04295	0.05504	0.05923	0.04207	0.04424	0.05806
0.06510	0.04377	0.04301	0.05510	0.05927	0.04212	0.04431	0.05819
0.06519	0.04385	0.04309	0.05518	0.05932	0.04219	0.04441	0.05833
0.06527	0.04392	0.04315	0.05525	0.05937	0.04225	0.04449	0.05846
0.06533	0.04397	0.04321	0.05530	0.05940	0.04229	0.04455	0.05856
0.06542	0.04405	0.04328	0.05537	0.05946	0.04236	0.04464	0.05870
0.06549	0.04411	0.04334	0.05544	0.05950	0.04241	0.04472	0.05881
0.06537	0.04403	0.04326	0.05533	0.05938	0.04232	0.04465	0.05875
0.06531	0.04400	0.04322	0.05527	0.05931	0.04228	0.04462	0.05874
0.06541	0.04407	0.04328	0.05531	0.05937	0.04235	0.04471	0.05886
0.06559	0.04422	0.04341	0.05542	0.05952	0.04248	0.04486	0.05907
0.06582	0.04440	0.04358	0.05560	0.05971	0.04265	0.04505	0.05932
0.06605	0.04459	0.04376	0.05581	0.05990	0.04282	0.04524	0.05957
0.06630	0.04479	0.04396	0.05607	0.06010	0.04300	0.04545	0.05984
0.06662	0.04503	0.04422	0.05642	0.06037	0.04324	0.04570	0.06016
0.06674	0.04513	0.04435	0.05663	0.06046	0.04333	0.04581	0.06031
0.06685	0.04522	0.04447	0.05684	0.06054	0.04341	0.04591	0.06043
0.06698	0.04533	0.04461	0.05708	0.06064	0.04352	0.04603	0.06058
0.06713	0.04545	0.04477	0.05732	0.06076	0.04364	0.04617	0.06075
0.06726	0.04556	0.04491	0.05754	0.06086	0.04375	0.04629	0.06090
0.06739	0.04567	0.04505	0.05776	0.06096	0.04386	0.04642	0.06105
0.06750	0.04576	0.04517	0.05795	0.06104	0.04395	0.04653	0.06118
0.06760	0.04585	0.04528	0.05813	0.06112	0.04404	0.04663	0.06131
0.06770	0.04594	0.04539	0.05831	0.06120	0.04413	0.04674	0.06143
0.06779	0.04602	0.04550	0.05847	0.06127	0.04421	0.04683	0.06155
0.06787	0.04610	0.04560	0.05863	0.06133	0.04429	0.04692	0.06166
0.06799	0.04620	0.04572	0.05881	0.06142	0.04439	0.04704	0.06180
0.06806	0.04627	0.04581	0.05895	0.06149	0.04447	0.04713	0.06191
0.06813	0.04634	0.04589	0.05908	0.06154	0.04453	0.04720	0.06200
0.06823	0.04643	0.04600	0.05924	0.06162	0.04462	0.04730	0.06213
0.06829	0.04649	0.04608	0.05936	0.06167	0.04468	0.04738	0.06222
0.06836	0.04656	0.04617	0.05949	0.06173	0.04476	0.04746	0.06232
0.06844	0.04663	0.04625	0.05962	0.06179	0.04483	0.04754	0.06242
0.06850	0.04669	0.04633	0.05973	0.06185	0.04489	0.04761	0.06251
0.06855	0.04675	0.04640	0.05984	0.06190	0.04495	0.04768	0.06260
0.06864	0.04683	0.04649	0.05997	0.06197	0.04503	0.04777	0.06271

0.06850	0.04673	0.04641	0.05989	0.06184	0.04494	0.04768	0.06260
0.06841	0.04667	0.04637	0.05985	0.06175	0.04488	0.04763	0.06255
0.06850	0.04676	0.04646	0.05999	0.06179	0.04497	0.04773	0.06267
0.06869	0.04692	0.04663	0.06020	0.06191	0.04511	0.04789	0.06287
0.06891	0.04710	0.04682	0.06045	0.06208	0.04529	0.04809	0.06311
0.06917	0.04731	0.04705	0.06074	0.06231	0.04549	0.04831	0.06338
0.06944	0.04753	0.04727	0.06103	0.06259	0.04571	0.04854	0.06366
0.06975	0.04779	0.04754	0.06136	0.06294	0.04597	0.04881	0.06399
0.06989	0.04790	0.04766	0.06153	0.06317	0.04609	0.04894	0.06415
0.07000	0.04800	0.04777	0.06167	0.06340	0.04621	0.04904	0.06428
0.07013	0.04812	0.04789	0.06182	0.06365	0.04634	0.04916	0.06442
0.07025	0.04823	0.04801	0.06197	0.06389	0.04648	0.04927	0.06456
0.07039	0.04836	0.04814	0.06212	0.06414	0.04662	0.04940	0.06471
0.07053	0.04848	0.04827	0.06228	0.06437	0.04675	0.04952	0.06486
0.07068	0.04860	0.04840	0.06243	0.06461	0.04689	0.04964	0.06500
0.07080	0.04872	0.04851	0.06257	0.06483	0.04702	0.04975	0.06513
0.07090	0.04880	0.04860	0.06268	0.06501	0.04712	0.04984	0.06523
0.07104	0.04892	0.04872	0.06282	0.06522	0.04725	0.04995	0.06536
0.07114	0.04901	0.04881	0.06293	0.06539	0.04735	0.05003	0.06546
0.07126	0.04911	0.04892	0.06305	0.06558	0.04746	0.05013	0.06557
0.07137	0.04920	0.04901	0.06317	0.06575	0.04756	0.05022	0.06567
0.07149	0.04930	0.04911	0.06329	0.06593	0.04767	0.05031	0.06577
0.07161	0.04941	0.04922	0.06342	0.06611	0.04779	0.05042	0.06589
0.07174	0.04951	0.04933	0.06355	0.06628	0.0479	0.05052	0.06600
0.07184	0.04960	0.04941	0.06365	0.06643	0.04799	0.05060	0.06609
0.07195	0.04968	0.04950	0.06375	0.06658	0.04808	0.05068	0.06618
0.07199	0.04972	0.04955	0.06380	0.06667	0.04813	0.05072	0.06622
0.07188	0.04964	0.04946	0.06370	0.06661	0.04806	0.05063	0.06610
0.07187	0.04963	0.04946	0.06369	0.06664	0.04806	0.05061	0.06607
0.07203	0.04975	0.04959	0.06385	0.06683	0.04819	0.05073	0.06620
0.07226	0.04993	0.04977	0.06407	0.06708	0.04838	0.05090	0.06638
0.07248	0.05009	0.04995	0.06428	0.06732	0.04855	0.05106	0.06656
0.07279	0.05034	0.05019	0.06458	0.06765	0.04880	0.05130	0.06683
0.07310	0.05058	0.05044	0.06488	0.06797	0.04905	0.05154	0.06712
0.07344	0.05086	0.05071	0.06521	0.06833	0.04932	0.05183	0.06746
0.07360	0.05101	0.05084	0.06537	0.06851	0.04946	0.05198	0.06764
0.07373	0.05113	0.05095	0.06550	0.06866	0.04957	0.05211	0.06782
0.07388	0.05128	0.05107	0.06564	0.06883	0.04969	0.05227	0.06802
0.07402	0.05142	0.05119	0.06578	0.06898	0.04981	0.05242	0.06822
0.07414	0.05153	0.05128	0.06588	0.06911	0.04991	0.05254	0.06840
0.07430	0.05168	0.05141	0.06602	0.06927	0.05003	0.05269	0.06861
0.07450	0.05186	0.05157	0.06620	0.06946	0.05019	0.05288	0.06886
0.07466	0.05200	0.05170	0.06634	0.06961	0.05032	0.05303	0.06907
0.07482	0.05214	0.05181	0.06647	0.06976	0.05043	0.05317	0.06927
0.07498	0.05228	0.05194	0.06661	0.06990	0.05056	0.05332	0.06947
0.07514	0.05241	0.05206	0.06674	0.07005	0.05068	0.05346	0.06967
0.07529	0.05254	0.05217	0.06685	0.07017	0.05078	0.05359	0.06985
0.07545	0.05267	0.05229	0.06698	0.07031	0.05090	0.05373	0.07004
0.07558	0.05278	0.05238	0.06708	0.07042	0.05099	0.05384	0.07020

0.07574	0.05290	0.05250	0.06721	0.07055	0.05111	0.05398	0.07038
0.07589	0.05303	0.05261	0.06733	0.07067	0.05122	0.05411	0.07056
0.07604	0.05314	0.05271	0.06744	0.07079	0.05132	0.05422	0.07072
0.07619	0.05327	0.05283	0.06757	0.07092	0.05143	0.05435	0.07090
0.07611	0.05320	0.05275	0.06747	0.07082	0.05136	0.05429	0.07083
0.07591	0.05304	0.05258	0.06726	0.07062	0.05119	0.05413	0.07066
0.07601	0.05309	0.05261	0.06733	0.07069	0.05123	0.05418	0.07078
0.07637	0.05335	0.05282	0.06763	0.07101	0.05147	0.05443	0.07114
0.07664	0.05354	0.05299	0.06785	0.07124	0.05164	0.05461	0.07141
0.07708	0.05388	0.05332	0.06824	0.07164	0.05196	0.05496	0.07185
0.07758	0.05428	0.05373	0.06867	0.07208	0.05235	0.05538	0.07234
0.07812	0.05474	0.05421	0.06916	0.07257	0.05279	0.05586	0.07287
0.07859	0.05515	0.05467	0.06959	0.07298	0.05320	0.05631	0.07333
0.07888	0.05546	0.05503	0.06987	0.07324	0.05351	0.05665	0.07363
0.07915	0.05574	0.05538	0.07015	0.07348	0.05380	0.05697	0.07392
0.07943	0.05604	0.05572	0.07044	0.07372	0.05410	0.05730	0.07422
0.07971	0.05633	0.05605	0.07074	0.07396	0.05439	0.05762	0.07452
0.07995	0.05660	0.05635	0.07101	0.07418	0.05466	0.05791	0.07480
0.08025	0.05691	0.05669	0.07134	0.07445	0.05497	0.05825	0.07514
0.08059	0.05725	0.05704	0.07170	0.07475	0.05530	0.05860	0.07551
0.08088	0.05754	0.05736	0.07202	0.07502	0.05559	0.05892	0.07585
0.08118	0.05783	0.05767	0.07234	0.07528	0.05588	0.05923	0.07618
0.08146	0.05812	0.05796	0.07265	0.07554	0.05616	0.05953	0.07650
0.08171	0.05837	0.05823	0.07293	0.07576	0.05640	0.05979	0.07680
0.08197	0.05862	0.05849	0.07321	0.07600	0.05665	0.06006	0.07710
0.08224	0.05888	0.05876	0.07351	0.07624	0.05690	0.06033	0.07740
0.08246	0.05909	0.05899	0.07375	0.07644	0.05711	0.06056	0.07766
0.08270	0.05931	0.05922	0.07401	0.07665	0.05733	0.06080	0.07793
0.08295	0.05955	0.05946	0.07428	0.07687	0.05756	0.06104	0.07822
0.08315	0.05974	0.05966	0.07450	0.07705	0.05774	0.06125	0.07846
0.08337	0.05994	0.05987	0.07474	0.07725	0.05794	0.06146	0.07871
0.08360	0.06015	0.06008	0.07498	0.07745	0.05814	0.06168	0.07897
0.08380	0.06034	0.06028	0.07520	0.07763	0.05832	0.06188	0.07920
0.08401	0.06052	0.06047	0.07542	0.07782	0.05851	0.06208	0.07944
0.08422	0.06071	0.06067	0.07565	0.07801	0.05869	0.06228	0.07968
0.08445	0.06091	0.06087	0.07589	0.07821	0.05888	0.06249	0.07993
0.08470	0.06113	0.06109	0.07614	0.07844	0.05909	0.06272	0.08021
0.08493	0.06133	0.06130	0.07638	0.07865	0.05929	0.06293	0.08046
0.08512	0.06150	0.06147	0.07659	0.07882	0.05945	0.06311	0.08068
0.08532	0.06167	0.06165	0.07679	0.07899	0.05962	0.06329	0.08090
0.08552	0.06185	0.06183	0.07700	0.07918	0.05979	0.06347	0.08112
0.08570	0.06200	0.06198	0.07719	0.07933	0.05993	0.06363	0.08132
0.08590	0.06217	0.06216	0.07739	0.07952	0.06010	0.06382	0.08154
0.08608	0.06233	0.06232	0.07758	0.07968	0.06026	0.06398	0.08174
0.08625	0.06248	0.06247	0.07776	0.07984	0.06040	0.06414	0.08193
0.08643	0.06263	0.06263	0.07795	0.08000	0.06055	0.06430	0.08213
0.08661	0.06278	0.06278	0.07813	0.08016	0.06069	0.06446	0.08232
0.08675	0.06290	0.06291	0.07827	0.08028	0.06081	0.06458	0.08248
0.08695	0.06307	0.06307	0.07847	0.08046	0.06097	0.06475	0.08269

0.08711	0.06321	0.06322	0.07864	0.08061	0.06110	0.06490	0.08287
0.08728	0.06335	0.06336	0.07881	0.08076	0.06124	0.06505	0.08305
0.08748	0.06352	0.06353	0.07901	0.08094	0.06140	0.06523	0.08326
0.08767	0.06368	0.06369	0.07920	0.08111	0.06156	0.06539	0.08347
0.08785	0.06382	0.06384	0.07938	0.08127	0.06170	0.06555	0.08366
0.08803	0.06398	0.06400	0.07956	0.08144	0.06185	0.06571	0.08385
0.08821	0.06412	0.06415	0.07973	0.08160	0.06199	0.06586	0.08403
0.08834	0.06423	0.06426	0.07987	0.08172	0.06210	0.06598	0.08418
0.08854	0.06440	0.06443	0.08007	0.08190	0.06225	0.06615	0.08439
0.08869	0.06453	0.06456	0.08022	0.08204	0.06238	0.06628	0.08455
0.08884	0.06464	0.06468	0.08036	0.08217	0.06249	0.06640	0.08470
0.08902	0.06480	0.06483	0.08055	0.08234	0.06264	0.06656	0.08490
0.08919	0.06494	0.06498	0.08072	0.08249	0.06278	0.06671	0.08507
0.08933	0.06505	0.06509	0.08085	0.08262	0.06289	0.06683	0.08522
0.08952	0.06521	0.06525	0.08104	0.08279	0.06304	0.06699	0.08542
0.08968	0.06534	0.06538	0.08120	0.08294	0.06317	0.06713	0.08558
0.08982	0.06546	0.06550	0.08133	0.08306	0.06328	0.06725	0.08573
0.09001	0.06561	0.06565	0.08152	0.08323	0.06343	0.06741	0.08592
0.09019	0.06576	0.06581	0.08170	0.08340	0.06358	0.06756	0.08611
0.09036	0.06590	0.06595	0.08186	0.08355	0.06371	0.06771	0.08628
0.09053	0.06604	0.06609	0.08203	0.08371	0.06385	0.06785	0.08646
0.09070	0.06618	0.06623	0.08219	0.08386	0.06398	0.06799	0.08663
0.09083	0.06629	0.06634	0.08232	0.08399	0.06409	0.06811	0.08677
0.09099	0.06642	0.06647	0.08248	0.08413	0.06421	0.06824	0.08694
0.09115	0.06655	0.06660	0.08264	0.08428	0.06434	0.06838	0.08710
0.09126	0.06664	0.06669	0.08275	0.08438	0.06443	0.06847	0.08722
0.09142	0.06678	0.06683	0.08290	0.08453	0.06456	0.06861	0.08738
0.09156	0.06689	0.06694	0.08304	0.08466	0.06467	0.06873	0.08752
0.09169	0.06700	0.06705	0.08316	0.08477	0.06477	0.06884	0.08766
0.09184	0.06712	0.06717	0.08331	0.08491	0.06489	0.06896	0.08781
0.09197	0.06723	0.06728	0.08344	0.08503	0.06499	0.06907	0.08794
0.09209	0.06732	0.06738	0.08355	0.08514	0.06509	0.06917	0.08806
0.09225	0.06745	0.06751	0.08371	0.08528	0.06522	0.06931	0.08823
0.09242	0.06759	0.06764	0.08386	0.08543	0.06535	0.06945	0.08839
0.09256	0.06770	0.06776	0.08400	0.08556	0.06546	0.06956	0.08853
0.09272	0.06784	0.06789	0.08416	0.08571	0.06559	0.06970	0.08870
0.09286	0.06795	0.06801	0.08430	0.08585	0.06570	0.06982	0.08885
0.09298	0.06805	0.06811	0.08441	0.08595	0.06579	0.06992	0.08896
0.09312	0.06817	0.06823	0.08455	0.08608	0.06591	0.07004	0.08911
0.09325	0.06827	0.06833	0.08467	0.08620	0.06601	0.07015	0.08924
0.09341	0.06840	0.06846	0.08483	0.08635	0.06613	0.07028	0.08940
0.09360	0.06855	0.06862	0.08501	0.08652	0.06628	0.07044	0.08959
0.09377	0.06869	0.06875	0.08517	0.08668	0.06642	0.07058	0.08976
0.09390	0.06880	0.06886	0.08530	0.08680	0.06652	0.07069	0.08990
0.09408	0.06895	0.06901	0.08547	0.08696	0.06666	0.07084	0.09008
0.09407	0.06894	0.06900	0.08546	0.08696	0.06666	0.07084	0.09007
0.09388	0.06878	0.06885	0.08528	0.08678	0.06651	0.07068	0.08988
0.09394	0.06883	0.06889	0.08533	0.08683	0.06655	0.07073	0.08994
0.09419	0.06904	0.06910	0.08556	0.08707	0.06675	0.07094	0.09020

0.09456	0.06934	0.06939	0.08589	0.08741	0.06704	0.07125	0.09057
0.09500	0.06969	0.06974	0.08629	0.08781	0.06738	0.07161	0.09100
0.09545	0.07006	0.07010	0.08671	0.08822	0.06773	0.07199	0.09146
0.09595	0.07046	0.07050	0.08719	0.08868	0.06812	0.07240	0.09195
0.09637	0.07080	0.07085	0.08761	0.08906	0.06845	0.07275	0.09237
0.09660	0.07099	0.07104	0.08788	0.08927	0.06864	0.07294	0.09260
0.09680	0.07115	0.07122	0.08813	0.08945	0.06881	0.07310	0.09280
0.09703	0.07134	0.07143	0.08842	0.08967	0.06901	0.07330	0.09303
0.09720	0.07148	0.07160	0.08866	0.08983	0.06916	0.07344	0.09320
0.09739	0.07163	0.07178	0.08892	0.09001	0.06933	0.07360	0.09339
0.09760	0.07182	0.07199	0.08922	0.09022	0.06952	0.07379	0.09360
0.09788	0.07205	0.07225	0.08957	0.09050	0.06977	0.07403	0.09388
0.09813	0.07226	0.07248	0.08990	0.09075	0.06999	0.07425	0.09413
0.09838	0.07247	0.07272	0.09023	0.09100	0.07021	0.07446	0.09438
0.09859	0.07265	0.07293	0.09052	0.09123	0.07041	0.07465	0.09460
0.09881	0.07284	0.07314	0.09082	0.09146	0.07061	0.07485	0.09481
0.09902	0.07302	0.07335	0.09111	0.09169	0.07081	0.07503	0.09503
0.09922	0.07320	0.07355	0.09139	0.09191	0.07099	0.07522	0.09523
0.09940	0.07335	0.07374	0.09165	0.09211	0.07117	0.07538	0.09542
0.09959	0.07352	0.07393	0.09192	0.09233	0.07135	0.07556	0.09561
0.09976	0.07367	0.07410	0.09216	0.09252	0.07151	0.07571	0.09578
0.09989	0.07380	0.07425	0.09237	0.09268	0.07165	0.07584	0.09593
0.10010	0.07398	0.07445	0.09264	0.09291	0.07184	0.07603	0.09614
0.10025	0.07412	0.07461	0.09287	0.09309	0.07199	0.07618	0.09630
0.10044	0.07428	0.07480	0.09311	0.09330	0.07216	0.07635	0.09649
0.10064	0.07446	0.075	0.09338	0.09353	0.07235	0.07653	0.09670
0.10078	0.07459	0.07514	0.09358	0.09370	0.07249	0.07666	0.09685
0.10095	0.07474	0.07531	0.09381	0.09389	0.07265	0.07682	0.09702
0.10113	0.07490	0.07549	0.09405	0.09409	0.07282	0.07699	0.09721
0.10129	0.07505	0.07566	0.09427	0.09428	0.07297	0.07714	0.09738
0.10149	0.07522	0.07585	0.09452	0.09450	0.07315	0.07732	0.09758
0.10170	0.07540	0.07605	0.09478	0.09473	0.07335	0.07751	0.09780
0.10186	0.07554	0.07620	0.09498	0.09491	0.07349	0.07765	0.09796
0.10201	0.07568	0.07636	0.09519	0.09508	0.07364	0.07780	0.09813
0.10220	0.07584	0.07653	0.09541	0.09528	0.07380	0.07796	0.09832
0.10234	0.07597	0.07667	0.09560	0.09545	0.07394	0.07810	0.09847
0.10247	0.07609	0.07681	0.09578	0.09560	0.07407	0.07822	0.09861
0.10265	0.07624	0.07698	0.09599	0.09579	0.07423	0.07838	0.09879
0.10280	0.07637	0.07712	0.09619	0.09596	0.07437	0.07852	0.09895
0.10293	0.07648	0.07725	0.09635	0.09611	0.07448	0.07864	0.09908
0.10258	0.07621	0.07698	0.09605	0.09581	0.07422	0.07836	0.09874
0.10229	0.07597	0.07676.	0.09580	0.09556	0.07398	0.07813	0.09846
0.10246	0.07606	0.07690	0.09600	0.09574	0.07406	0.07826	0.09863
0.10300	0.07645	0.07733	0.09656	0.09626	0.07443	0.07870	0.09918
0.10355	0.07688	0.07778	0.09714	0.09680	0.07485	0.07915	0.09974
0.10424	0.07745	0.07835	0.09785	0.09745	0.07543	0.07972	0.10043
0.10506	0.07818	0.07905	0.09870	0.09824	0.07618	0.08043	0.10127
0.10598	0.07904	0.07986	0.09964	0.09913	0.07706	0.08123	0.10220
0.10641	0.07954	0.08029	0.10010	0.09955	0.07760	0.08164	0.10263

0.10687	0.08009	0.08078	0.10059	0.10002	0.07819	0.08211	0.10310
0.10733	0.08062	0.08127	0.10106	0.10049	0.07876	0.08257	0.10355
0.10780	0.08115	0.08176	0.10154	0.10097	0.07932	0.08304	0.10401
0.10831	0.08171	0.08229	0.10207	0.10150	0.07990	0.08354	0.10450
0.10887	0.08228	0.08284	0.10262	0.10206	0.08049	0.08407	0.10503
0.10942	0.08283	0.08337	0.10316	0.10262	0.08106	0.08459	0.10554
0.11000	0.08341	0.08393	0.10374	0.10321	0.08164	0.08513	0.10609
0.11049	0.08389	0.08439	0.10422	0.10371	0.08214	0.08558	0.10654
0.11105	0.08441	0.08491	0.10475	0.10426	0.08267	0.08609	0.10705
0.11154	0.08487	0.08536	0.10522	0.10475	0.08314	0.08652	0.10749
0.11206	0.08535	0.08583	0.10572	0.10528	0.08362	0.08699	0.10797
0.11252	0.08578	0.08625	0.10616	0.10574	0.08405	0.08739	0.10838
0.11303	0.08623	0.08669	0.10663	0.10624	0.08450	0.08782	0.10883
0.11348	0.08663	0.08709	0.10707	0.10669	0.08492	0.08822	0.10924
0.11396	0.08705	0.08750	0.10751	0.10716	0.08534	0.08862	0.10967
0.11444	0.08747	0.08791	0.10796	0.10763	0.08576	0.08903	0.11010
0.11486	0.08783	0.08827	0.10835	0.10805	0.08612	0.08938	0.11048
0.11528	0.08819	0.08863	0.10874	0.10847	0.08649	0.08973	0.11085
0.11573	0.08858	0.08901	0.10916	0.10891	0.08687	0.09011	0.11126
0.11613	0.08892	0.08934	0.10953	0.10930	0.08721	0.09044	0.11161
0.11654	0.08927	0.08969	0.10992	0.10970	0.08756	0.09078	0.11198
0.11698	0.08964	0.09006	0.11033	0.11014	0.08793	0.09115	0.11238
0.11740	0.08998	0.09040	0.11072	0.11054	0.08828	0.09148	0.11276
0.11781	0.09033	0.09074	0.11111	0.11094	0.08862	0.09182	0.11313
0.11825	0.09070	0.09111	0.11152	0.11137	0.08899	0.09219	0.11354
0.11864	0.09102	0.09143	0.11188	0.11175	0.08931	0.09250	0.11389
0.11907	0.09137	0.09178	0.11228	0.11216	0.08966	0.09285	0.11428
0.11954	0.09177	0.09217	0.11273	0.11262	0.09006	0.09324	0.11472
0.11993	0.09208	0.09248	0.11309	0.11299	0.09037	0.09355	0.11507
0.12036	0.09245	0.09284	0.11350	0.11342	0.09073	0.09391	0.11548
0.12080	0.09281	0.09320	0.11392	0.11384	0.09109	0.09427	0.11588
0.12114	0.09308	0.09347	0.11423	0.11416	0.09136	0.09454	0.11619
0.12152	0.09340	0.09379	0.11459	0.11454	0.09168	0.09486	0.11655
0.12193	0.09374	0.09412	0.11498	0.11493	0.09201	0.09519	0.11693
0.12226	0.09400	0.09439	0.11529	0.11524	0.09228	0.09545	0.11723
0.12261	0.09430	0.09468	0.11562	0.11559	0.09257	0.09575	0.11756
0.12300	0.09461	0.09500	0.11599	0.11596	0.09289	0.09606	0.11792
0.12332	0.09488	0.09526	0.11629	0.11627	0.09315	0.09632	0.11822
0.12367	0.09516	0.09554	0.11662	0.11660	0.09343	0.09661	0.11854
0.12402	0.09545	0.09583	0.11696	0.11694	0.09372	0.09689	0.11887
0.12433	0.09571	0.09609	0.11725	0.11724	0.09397	0.09715	0.11917
0.12470	0.09601	0.09638	0.11760	0.11759	0.09427	0.09745	0.11951
0.12508	0.09633	0.09670	0.11797	0.11796	0.09459	0.09777	0.11987
0.12550	0.09667	0.09704	0.11837	0.11836	0.09492	0.09811	0.12027
0.12584	0.09695	0.09733	0.11870	0.11869	0.09521	0.09839	0.12060
0.12625	0.09729	0.09766	0.11909	0.11908	0.09554	0.09873	0.12098
0.12657	0.09755	0.09792	0.11939	0.11939	0.09580	0.09899	0.12128
0.12690	0.09782	0.09820	0.11971	0.11971	0.09607	0.09926	0.12160
0.12729	0.09814	0.09852	0.12009	0.12007	0.09639	0.09958	0.12197

0.12761	0.09841	0.09878	0.12040	0.12038	0.09665	0.09985	0.12228
0.12793	0.09867	0.09904	0.12070	0.12069	0.09691	0.10011	0.12258
0.12825	0.09894	0.09931	0.12101	0.12100	0.09717	0.10038	0.12288
0.12856	0.09919	0.09956	0.12130	0.12129	0.09742	0.10063	0.12318
0.12888	0.09946	0.09983	0.12162	0.12160	0.09769	0.10090	0.12349
0.12926	0.09977	0.10014	0.12198	0.12196	0.09800	0.10121	0.12385
0.12956	0.10002	0.10039	0.12228	0.12225	0.09824	0.10146	0.12414
0.12988	0.10028	0.10065	0.12258	0.12255	0.09850	0.10172	0.12444
0.13024	0.10058	0.10095	0.12293	0.12290	0.09880	0.10203	0.12480
0.13057	0.10085	0.10122	0.12325	0.12321	0.09907	0.10230	0.12511
0.13090	0.10112	0.10149	0.12357	0.12352	0.09933	0.10257	0.12542
0.13124	0.10141	0.10178	0.12390	0.12386	0.09962	0.10286	0.12576
0.13161	0.10171	0.10208	0.12426	0.12420	0.09992	0.10316	0.12611
0.13199	0.10203	0.10240	0.12463	0.12457	0.10023	0.10348	0.12648
0.13230	0.10228	0.10265	0.12493	0.12486	0.10048	0.10373	0.12678
0.13231	0.10229	0.10266	0.12493	0.12487	0.10049	0.10373	0.12678
0.13249	0.10244	0.10281	0.12511	0.12501	0.10064	0.10389	0.12696
0.13293	0.10281	0.10318	0.12554	0.12535	0.10100	0.10426	0.12739
0.13346	0.10324	0.10362	0.12605	0.12576	0.10143	0.10470	0.12790
0.13396	0.10366	0.10403	0.12655	0.12620	0.10184	0.10512	0.12839
0.13458	0.10417	0.10455	0.12715	0.12679	0.10235	0.10564	0.12899
0.13518	0.10467	0.10505	0.12774	0.12743	0.10284	0.10614	0.12958
0.13583	0.10522	0.10560	0.12838	0.12818	0.10338	0.10669	0.13022
0.13619	0.10551	0.10589	0.12873	0.12871	0.10367	0.10699	0.13057
0.13649	0.10576	0.10614	0.12902	0.12922	0.10392	0.10724	0.13086
0.13685	0.10606	0.10645	0.12937	0.12978	0.10421	0.10754	0.13121
0.13717	0.10633	0.10671	0.12968	0.13030	0.10448	0.10781	0.13152
0.13746	0.10656	0.10695	0.12996	0.13078	0.10472	0.10805	0.13180
0.13779	0.10684	0.10723	0.13029	0.13129	0.10500	0.10833	0.13213
0.13812	0.10711	0.10750	0.13060	0.13178	0.10527	0.10860	0.13244
0.13853	0.10745	0.10784	0.13100	0.13235	0.10562	0.10894	0.13284
0.13903	0.10787	0.10826	0.13149	0.13298	0.10604	0.10935	0.13333
0.13951	0.10827	0.10865	0.13195	0.13359	0.10645	0.10975	0.13379
0.13983	0.10853	0.10892	0.13226	0.13403	0.10672	0.11001	0.13410
0.14025	0.10888	0.10927	0.13267	0.13456	0.10707	0.11036	0.13449
0.14061	0.10918	0.10957	0.13302	0.13503	0.10738	0.11065	0.13484
0.14094	0.10945	0.10984	0.13334	0.13546	0.10767	0.11092	0.13515
0.14134	0.10978	0.11017	0.13372	0.13594	0.10800	0.11125	0.13552
0.14172	0.11010	0.11049	0.13409	0.13641	0.10833	0.11156	0.13588
0.14203	0.11035	0.11074	0.13438	0.13679	0.10859	0.11181	0.13616
0.14241	0.11067	0.11106	0.13475	0.13725	0.10892	0.11212	0.13652
0.14286	0.11104	0.11144	0.13519	0.13777	0.10930	0.11249	0.13695
0.14302	0.11117	0.11157	0.13534	0.13799	0.10944	0.11262	0.13709
0.14306	0.11120	0.11160	0.13537	0.13810	0.10948	0.11264	0.13708
0.14342	0.11150	0.11189	0.13572	0.13851	0.10978	0.11293	0.13732
0.14400	0.11198	0.11238	0.13628	0.13914	0.11027	0.11341	0.13775
0.14459	0.11247	0.11287	0.13686	0.13977	0.11077	0.11389	0.13824
0.14524	0.11302	0.11342	0.13750	0.14047	0.11131	0.11443	0.13886
0.14588	0.11354	0.11395	0.13812	0.14114	0.11185	0.11495	0.13952

0.14662	0.11415	0.11456	0.13884	0.14191	0.11246	0.11555	0.14036
0.14718	0.11462	0.11503	0.13938	0.14250	0.11293	0.11601	0.14111
0.14753	0.11491	0.11532	0.13972	0.14289	0.11323	0.11630	0.14172
0.14793	0.11523	0.11564	0.14010	0.14331	0.11356	0.11663	0.14237
0.14830	0.11554	0.11595	0.14046	0.14372	0.11387	0.11696	0.14299
0.14864	0.11583	0.11624	0.14080	0.14409	0.11416	0.11727	0.14357
0.14901	0.11614	0.11656	0.14116	0.14449	0.11447	0.11760	0.14415
0.14942	0.11649	0.11691	0.14157	0.14492	0.11482	0.11798	0.14476
0.14985	0.11685	0.11728	0.14199	0.14538	0.11519	0.11837	0.14538
0.15036	0.11728	0.11771	0.14249	0.14590	0.11561	0.11883	0.14606
0.15082	0.11768	0.11811	0.14295	0.14638	0.11600	0.11926	0.14669
0.15131	0.11810	0.11854	0.14344	0.14688	0.11642	0.11971	0.14733
0.15186	0.11857	0.11901	0.14399	0.14744	0.11688	0.12021	0.14802
0.15235	0.11899	0.11944	0.14448	0.14794	0.11729	0.12066	0.14865
0.15275	0.11934	0.11979	0.14489	0.14835	0.11763	0.12104	0.14917
0.15321	0.11974	0.12019	0.14534	0.14881	0.11802	0.12146	0.14975
0.15329	0.11982	0.12028	0.14544	0.14891	0.11810	0.12157	0.14994
0.15327	0.11989	0.12034	0.14551	0.14898	0.11816	0.12165	0.15010
0.15360	0.12033	0.12079	0.14602	0.14949	0.11859	0.12212	0.15071
0.15412	0.12092	0.12138	0.14672	0.15017	0.11917	0.12274	0.15150
0.15471	0.12148	0.12195	0.14737	0.15082	0.11972	0.12332	0.15224
0.15550	0.12210	0.12257	0.14809	0.15154	0.12033	0.12396	0.15305
0.15647	0.12276	0.12324	0.14887	0.15230	0.12098	0.12465	0.15391
0.15757	0.12341	0.12390	0.14964	0.15306	0.12162	0.12533	0.15476
0.15841	0.12376	0.12425	0.15004	0.15345	0.12196	0.12569	0.15522
0.15930	0.12413	0.12463	0.15048	0.15387	0.12233	0.12608	0.15572
0.16010	0.12446	0.12496	0.15086	0.15424	0.12265	0.12643	0.15616
0.16091	0.12484	0.12533	0.15128	0.15465	0.12300	0.12681	0.15664
0.16162	0.12515	0.12563	0.15164	0.15500	0.12330	0.12712	0.15704
0.16231	0.12549	0.12595	0.15201	0.15537	0.12362	0.12746	0.15747
0.16304	0.12589	0.12633	0.15244	0.15579	0.12398	0.12785	0.15795
0.16375	0.12629	0.12670	0.15287	0.15623	0.12436	0.12824	0.15843
0.16461	0.12682	0.12721	0.15347	0.15682	0.12486	0.12877	0.15908
0.16545	0.12737	0.12773	0.15406	0.15742	0.12537	0.12930	0.15973
0.16622	0.12786	0.12819	0.15460	0.15796	0.12584	0.12978	0.16031
0.16687	0.12827	0.12858	0.15504	0.15841	0.12622	0.13019	0.16081
0.16733	0.12854	0.12881	0.15531	0.15869	0.12646	0.13044	0.16111
0.16757	0.12864	0.12888	0.15536	0.15876	0.12653	0.13052	0.16122
0.16813	0.12900	0.12922	0.15569	0.15916	0.12687	0.13087	0.16165
0.16913	0.12973	0.12991	0.15643	0.15997	0.12756	0.13159	0.16251
0.16991	0.13029	0.13045	0.15698	0.16060	0.12810	0.13214	0.16317
0.17087	0.13099	0.13112	0.15773	0.16139	0.12877	0.13284	0.16401
0.17188	0.13175	0.13184	0.15859	0.16224	0.12950	0.13359	0.16491
0.17287	0.13250	0.13256	0.15948	0.16309	0.13022	0.13433	0.16580
0.17373	0.13313	0.13316	0.16030	0.16380	0.13082	0.13496	0.16655
0.17436	0.13359	0.13360	0.16097	0.16431	0.13126	0.13541	0.16709
0.17495	0.13402	0.13401	0.16163	0.16479	0.13167	0.13583	0.16760
0.17552	0.13443	0.13440	0.16227	0.16525	0.13206	0.13624	0.16809
0.17614	0.13489	0.13485	0.16297	0.16576	0.13249	0.13669	0.16863

0.17667	0.13528	0.13524	0.16359	0.16619	0.13287	0.13708	0.16909
0.17738	0.13582	0.13577	0.16437	0.16680	0.13338	0.13761	0.16973
0.17827	0.13650	0.13646	0.16532	0.16757	0.13405	0.13829	0.17055
0.17903	0.13708	0.13705	0.16615	0.16823	0.13462	0.13888	0.17124
0.17969	0.13759	0.13756	0.16688	0.16880	0.13511	0.13939	0.17185
0.18042	0.13815	0.13814	0.16766	0.16943	0.13566	0.13995	0.17252
0.18104	0.13862	0.13863	0.16834	0.16997	0.13612	0.14043	0.17309
0.18160	0.13905	0.13907	0.16896	0.17045	0.13654	0.14087	0.17361
0.18222	0.13954	0.13958	0.16964	0.17100	0.13702	0.14136	0.17420
0.18278	0.13998	0.14003	0.17025	0.17149	0.13745	0.14181	0.17472
0.18335	0.14042	0.14049	0.17086	0.17199	0.13789	0.14226	0.17525
0.18396	0.14090	0.14099	0.17152	0.17253	0.13837	0.14275	0.17583
0.18452	0.14135	0.14145	0.17213	0.17303	0.13881	0.14320	0.17637
0.18504	0.14175	0.14187	0.17268	0.17349	0.13921	0.14362	0.17686
0.18563	0.14223	0.14236	0.17331	0.17402	0.13968	0.14410	0.17743
0.18609	0.14259	0.14275	0.17382	0.17444	0.14005	0.14448	0.17788
0.18660	0.143	0.14317	0.17436	0.17490	0.14045	0.14489	0.17837
0.18717	0.14347	0.14365	0.17497	0.17543	0.14091	0.14537	0.17893
0.18773	0.14391	0.14411	0.17556	0.17593	0.14136	0.14582	0.17947
0.18827	0.14435	0.14457	0.17613	0.17644	0.14179	0.14627	0.18000
0.18901	0.14495	0.14518	0.17689	0.17712	0.14238	0.14688	0.18073
0.18964	0.14546	0.14570	0.17754	0.17770	0.14289	0.14739	0.18134
0.19021	0.14592	0.14618	0.17814	0.17823	0.14335	0.14787	0.18191
0.19083	0.14642	0.14669	0.17877	0.17881	0.14385	0.14838	0.18251
0.19088	0.14647	0.14675	0.17887	0.17886	0.14390	0.14843	0.18258
0.19031	0.14603	0.14632	0.17838	0.17834	0.14347	0.14799	0.18205
0.19030	0.14612	0.14644	0.17854	0.17845	0.14357	0.14810	0.18217
0.19110	0.14687	0.14725	0.17953	0.17937	0.14435	0.14891	0.18315
0.19226	0.14790	0.14835	0.18085	0.18063	0.14540	0.15001	0.18446
0.19377	0.14915	0.14966	0.18243	0.18212	0.14666	0.15132	0.18603
0.19553	0.15054	0.15107	0.18414	0.18373	0.14803	0.15273	0.18773
0.19778	0.15223	0.15274	0.18616	0.18565	0.14967	0.15441	0.18975
0.19996	0.15378	0.15422	0.18794	0.18735	0.15114	0.15589	0.19152
0.20159	0.15479	0.15512	0.18903	0.18837	0.15206	0.15679	0.19260
0.20325	0.15582	0.15599	0.19007	0.18938	0.15297	0.15768	0.19363
9.47626	7.26836	7.11708	8.37847	8.48231	7.10922	7.19234	8.51588
9.51987	7.30347	7.15333	8.42289	8.53260	7.14631	7.22658	8.55445
9.56399	7.33904	7.18999	8.46776	8.58306	7.18378	7.26127	8.59342
9.60474	7.37208	7.22413	8.50968	8.63024	7.21869	7.29346	8.62937
9.64580	7.40516	7.25829	8.55170	8.67746	7.25357	7.32570	8.66546
9.68809	7.43926	7.29342	8.59477	8.72541	7.28938	7.35897	8.70264
9.73264	7.47512	7.33023	8.63983	8.77517	7.32685	7.39398	8.74188
9.77298	7.50751	7.36360	8.68091	8.82084	7.36084	7.42556	8.77720
9.81367	7.54027	7.39730	8.72226	8.86648	7.39513	7.45751	8.81285
9.85820	7.57598	7.43385	8.76697	8.91533	7.43223	7.49239	8.85199
9.90439	7.61273	7.47139	8.81292	8.96541	7.47031	7.52831	8.89248
9.95539	7.65328	7.51262	8.86311	9.01954	7.51204	7.56800	8.93735
10.00607	7.69359	7.55358	8.91298	9.07314	7.55348	7.60748	8.98199
10.04958	7.72816	7.58887	8.95622	9.11998	7.58922	7.64128	9.02008

10.09741	7.76614	7.62746	9.00323	9.17044	7.62824	7.67846	9.06207
10.14293	7.80233	7.66427	9.04813	9.21860	7.66546	7.71388	9.10205
10.18538	7.83597	7.69854	9.09006	9.26373	7.70012	7.74679	9.13919
10.22896	7.87057	7.73371	9.13294	9.30960	7.73567	7.78065	9.17738
10.28327	7.91346	7.77701	9.18537	9.36505	7.77933	7.82272	9.22529
10.3287	7.94929	7.81332	9.22961	9.41221	7.81599	7.85782	9.2651
10.37546	7.98622	7.85069	9.27500	9.46033	7.85369	7.89402	9.30617
10.42646	8.02643	7.89126	9.32414	9.51216	7.89457	7.93348	9.35113
10.47197	8.06223	7.92745	9.36816	9.55881	7.93106	7.96857	9.39107
10.52124	8.10106	7.96661	9.41552	9.60864	7.97050	8.00668	9.43446
10.56679	8.13699	8.00288	9.45948	9.65495	8.00705	8.04193	9.47457
10.60864	8.16990	8.03615	9.49993	9.69772	8.04058	8.07420	9.51128
10.65879	8.20929	8.07577	9.54775	9.74785	8.08046	8.11289	9.55548
10.7028	8.24398	8.11074	9.59006	9.79225	8.11567	8.14693	9.59426
10.74699	8.27861	8.14562	9.63231	9.83668	8.15078	8.18091	9.63311
10.79285	8.31464	8.18186	9.67604	9.88244	8.18724	8.21630	9.67353
10.84072	8.35222	8.21960	9.72157	9.92996	8.22520	8.25323	9.71584
10.89756	8.39653	8.26394	9.77493	9.98556	8.26975	8.29681	9.76608
10.9555	8.44179	8.30920	9.82927	10.042	8.31521	8.34134	9.81738
11.01368	8.48726	8.35463	9.88384	10.09859	8.36083	8.38608	9.86899
11.06603	8.52802	8.3954	9.93299	10.14975	8.40178	8.42618	9.91528
11.11986	8.57007	8.43742	9.98347	10.20208	8.44398	8.46756	9.96297
11.17214	8.61095	8.47828	10.03256	10.25294	8.48500	8.50779	10.00934
11.21677	8.64571	8.51309	10.07456	10.29667	8.51997	8.54198	10.04875
11.27245	8.68916	8.55645	10.1265	10.3504	8.56348	8.58476	10.09813
11.32177	8.72772	8.59496	10.17272	10.39823	8.60215	8.62271	10.14188
11.3656	8.76184	8.62909	10.21381	10.44096	8.63643	8.65627	10.18062
11.41674	8.80178	8.66894	10.26152	10.49024	8.67642	8.69560	10.226
11.46454	8.83913	8.70622	10.30621	10.53643	8.71384	8.73236	10.26845
11.511	8.87524	8.74227	10.34949	10.58131	8.75003	8.76792	10.30958
11.56087	8.91415	8.78105	10.39587	10.62918	8.78894	8.80623	10.35385
11.60904	8.95173	8.81852	10.44071	10.67547	8.82653	8.84323	10.39665
11.65467	8.98719	8.85387	10.48311	10.71937	8.86200	8.87815	10.4371
11.70493	9.02634	8.89286	10.52969	10.76739	8.90111	8.91673	10.48175
11.75352	9.06419	8.93055	10.57477	10.81388	8.93892	8.95401	10.52498
11.80101	9.10102	8.96723	10.6187	10.85929	8.97570	8.99030	10.56712
11.85844	9.14567	9.01159	10.67161	10.91373	9.02017	9.03432	10.61825
11.90955	9.18545	9.05114	10.71887	10.96235	9.05982	9.07353	10.66378
11.96997	9.23220	9.09755	10.77431	11.0195	9.10634	9.11963	10.71754
12.03274	9.28094	9.14590	10.83193	11.07868	9.15479	9.16770	10.77348
12.09331	9.32795	9.19255	10.8876	11.13587	9.20153	9.21407	10.82753
12.14759	9.36993	9.23421	10.93743	11.18721	9.24328	9.25547	10.87582
12.20488	9.41438	9.27831	10.99003	11.24122	9.28747	9.29932	10.92689
12.25964	9.45690	9.32049	11.04036	11.2929	9.32973	9.34125	10.97574
12.30859	9.49475	9.35806	11.0853	11.3392	9.36739	9.37858	11.01929
12.36519	9.53869	9.40163	11.13719	11.39244	9.41104	9.42192	11.06977
12.41894	9.58043	9.44302	11.18653	11.44307	9.45252	9.46309	11.11775
12.47087	9.62057	9.48284	11.23405	11.49199	9.49241	9.50269	11.16399
12.52582	9.66325	9.52514	11.28438	11.5436	9.53480	9.54479	11.21302

12.58401	9.70844	9.56990	11.33765	11.59819	9.57965	9.58937	11.265
12.63371	9.74687	9.60801	11.38309	11.64496	9.61782	9.62728	11.30927
12.68775	9.78879	9.64954	11.43247	11.69561	9.65944	9.66863	11.35747
12.73966	9.82907	9.68946	11.47999	11.74435	9.69943	9.70837	11.40385
12.79097	9.86868	9.72870	11.52679	11.79251	9.73874	9.74745	11.44955
12.85136	9.91553	9.77508	11.58187	11.84892	9.78520	9.79369	11.5035
12.91924	9.96813	9.82712	11.64373	11.9123	9.83732	9.84560	11.5642
12.97932	10.01448	9.87299	11.6984	11.96847	9.88326	9.89135	11.61779
13.04574	10.06592	9.92386	11.75886	12.03037	9.93420	9.94213	11.67714
13.10588	10.11252	9.96996	11.81372	12.08653	9.98037	9.98813	11.73093
13.15908	10.15356	10.01058	11.86214	12.13628	10.02104	10.02864	11.77839
13.22119	10.20168	10.05817	11.91868	12.19414	10.0687	10.07614	11.8339
13.28204	10.24885	10.10481	11.97412	12.25089	10.11541	10.1227	11.88834
13.33517	10.28983	10.14535	12.02241	12.3005	10.15601	10.16315	11.93573
13.39311	10.33474	10.18977	12.07514	12.35445	10.20049	10.20748	11.98752
13.45289	10.38107	10.23557	12.12953	12.41014	10.24637	10.2532	12.04099
13.50299	10.41971	10.27381	12.17505	12.45691	10.28466	10.29135	12.08569
13.56725	10.46952	10.32304	12.23345	12.51663	10.33396	10.34052	12.14316
13.61959	10.5101	10.36317	12.2811	12.56541	10.37415	10.38057	12.19
13.67639	10.55391	10.40648	12.33261	12.6183	10.41752	10.42382	12.2407
13.73933	10.60267	10.45467	12.38976	12.67677	10.46578	10.47196	12.29698
13.80369	10.65253	10.50394	12.44824	12.7366	10.51511	10.52118	12.3546
13.8664	10.70087	10.55171	12.50505	12.79489	10.56294	10.5689	12.4106
13.93777	10.75609	10.60625	12.56976	12.86109	10.61756	10.62344	12.47443
14.00571	10.80868	10.6582	12.63143	12.92417	10.66957	10.67537	12.53526
14.06385	10.85348	10.70246	12.68411	12.97823	10.71388	10.7196	12.58719
14.12734	10.90262	10.751	12.74169	13.03711	10.76247	10.76812	12.64398
14.18883	10.95023	10.79803	12.79754	13.09422	10.80956	10.81513	12.69906
14.24625	10.99446	10.84173	12.84952	13.14755	10.85331	10.85881	12.75033
14.31306	11.04617	10.89279	12.91007	13.20948	10.90444	10.90987	12.8101
14.37403	11.09342	10.93946	12.96543	13.26605	10.95117	10.95652	12.86472
14.4328	11.13872	10.9842	13.0186	13.32061	10.99596	11.00124	12.91721
14.49513	11.18696	11.03185	13.07507	13.37836	11.04367	11.04889	12.97297
14.55879	11.23629	11.08056	13.13282	13.43739	11.09244	11.09759	13.03
14.61524	11.27978	11.12352	13.18387	13.48978	11.13545	11.14053	13.08042
14.68493	11.33372	11.17677	13.24696	13.55429	11.18877	11.19379	13.14277
14.75885	11.39094	11.23326	13.31394	13.62276	11.24534	11.25029	13.20898
14.83141	11.44686	11.28846	13.37951	13.69	11.3006	11.30551	13.27383
14.90261	11.50188	11.34277	13.44394	13.75591	11.35496	11.35985	13.33754
14.97128	11.55501	11.39522	13.50617	13.8195	11.40746	11.41233	13.39906
15.02834	11.59892	11.43857	13.55775	13.87242	11.45086	11.4557	13.45004
15.10276	11.65649	11.49539	13.62511	13.94125	11.50774	11.51256	13.51666
15.16379	11.70374	11.54203	13.68045	13.9978	11.55444	11.55921	13.57135
15.2263	11.75192	11.58959	13.73694	14.0557	11.60205	11.6068	13.62722
15.29427	11.80451	11.64149	13.79843	14.11857	11.65401	11.65872	13.68805
15.36154	11.85657	11.69288	13.85935	14.18085	11.70546	11.71014	13.74831
15.42145	11.90271	11.73842	13.91344	14.23633	11.75106	11.7557	13.80183
15.48704	11.95348	11.78854	13.97279	14.29698	11.80123	11.80583	13.86054
15.55126	12.00317	11.83759	14.03093	14.35643	11.85034	11.85491	13.91806

15.61868	12.05516	11.8889	14.09182	14.41883	11.90171	11.90624	13.97834
15.69022	12.11047	11.94349	14.15648	14.48497	11.95637	11.96087	14.04236
15.7602	12.16462	11.99693	14.21983	14.54973	12.00986	12.01434	14.10506
15.82694	12.21597	12.04761	14.28004	14.6115	12.0606	12.06506	14.16469
15.90476	12.27619	12.10702	14.35042	14.6834	12.12008	12.12453	14.23437
15.97871	12.33336	12.16343	14.41733	14.75181	12.17655	12.18099	14.30062
16.05179	12.38966	12.21899	14.4833	14.81941	12.23216	12.23661	14.36596
16.12547	12.44661	12.27518	14.54989	14.88749	12.28841	12.29285	14.43191
16.20308	12.50659	12.33436	14.62011	14.95929	12.34765	12.35209	14.50145
16.27216	12.55977	12.38683	14.68244	15.02318	12.40017	12.40462	14.5632
16.34485	12.61598	12.44229	14.74817	15.09034	12.45568	12.46014	14.62829
16.41202	12.66791	12.49353	14.80893	15.15245	12.50698	12.51143	14.68845
16.48452	12.72377	12.54864	14.87436	15.2195	12.56215	12.5666	14.75328
16.55805	12.78066	12.60477	14.94082	15.28741	12.61835	12.62278	14.81911
16.62693	12.8339	12.6573	15.00311	15.35111	12.67094	12.67536	14.88081
16.69218	12.88412	12.70686	15.06194	15.41145	12.72055	12.72496	14.93911
16.77299	12.94666	12.76855	15.13498	15.48606	12.78231	12.78672	15.01148
16.85968	13.01366	12.83466	15.21335	15.56621	12.84849	12.85289	15.08914
16.93601	13.07244	12.89265	15.2822	15.63678	12.90654	12.91094	15.15738
17.02523	13.1414	12.96067	15.36281	15.71915	12.97463	12.97906	15.23725
17.10464	13.20276	13.0212	15.43465	15.79258	13.03522	13.03967	15.30842
17.1787	13.25974	13.07741	15.50143	15.86104	13.09148	13.09596	15.37461
17.24928	13.31435	13.13128	15.56524	15.92621	13.1454	13.14989	15.43783
17.33012	13.37684	13.19293	15.63837	16.00094	13.20712	13.21162	15.51028
17.40214	13.43233	13.24766	15.70332	16.0675	13.26191	13.26641	15.57466
17.48204	13.49415	13.30865	15.77552	16.14125	13.32296	13.32747	15.6462
17.55257	13.54864	13.36241	15.83929	16.20648	13.37678	13.38128	15.70939
17.62426	13.60387	13.4169	15.90394	16.27273	13.43133	13.43583	15.77348
17.70235	13.66435	13.47656	15.97454	16.3448	13.49106	13.49556	15.84342
17.77334	13.71922	13.53069	16.03872	16.41045	13.54526	13.54975	15.90704
17.84412	13.77374	13.58448	16.10254	16.47585	13.59911	13.60359	15.9703
17.91923	13.8319	13.64187	16.17041	16.54516	13.65655	13.66104	16.03757
17.99535	13.89073	13.6999	16.23922	16.61555	13.71465	13.71913	16.10578
18.06799	13.94663	13.75506	16.30467	16.68267	13.76987	13.77435	16.17068
18.15537	14.01429	13.8218	16.38367	16.76334	13.83668	13.84117	16.24898
18.22931	14.07145	13.87819	16.45053	16.83169	13.89313	13.89763	16.31525
18.3135	14.13626	13.94212	16.5264	16.90948	13.95713	13.96164	16.39049
18.41477	14.21459	14.01939	16.6179	17.00296	14.03447	14.03901	16.4812
18.50534	14.28458	14.08842	16.69979	17.08666	14.10357	14.10814	16.56237
18.58269	14.34407	14.1471	16.76952	17.15815	14.1623	14.16691	16.63152
18.67259	14.41359	14.21567	16.85076	17.24111	14.23093	14.23559	16.71203
18.7548	14.47711	14.27832	16.9251	17.3171	14.29364	14.29833	16.78572
18.8319	14.53644	14.33684	16.9946	17.38833	14.35222	14.35694	16.85463
18.91681	14.60218	14.40168	17.07136	17.46669	14.41713	14.42187	16.93071
18.99483	14.66249	14.46117	17.14189	17.53881	14.47668	14.48143	17.00063
19.07146	14.72148	14.51937	17.21096	17.6096	14.53494	14.5397	17.06912
19.15346	14.78495	14.58197	17.28505	17.68527	14.59762	14.60238	17.14257
19.23949	14.85144	14.64756	17.36278	17.76476	14.66328	14.66805	17.21963
19.31115	14.90665	14.70203	17.42737	17.83095	14.7178	14.72258	17.28369

19.39567	14.97204	14.76653	17.50373	17.90896	14.78238	14.78716	17.35939
19.47907	15.03649	14.83011	17.57908	17.98602	14.84602	14.85081	17.43411
19.55801	15.09724	14.89004	17.65018	18.05894	14.90602	14.91081	17.50464
19.65761	15.17431	14.96606	17.74016	18.15084	14.98212	14.98693	17.59386
19.75068	15.24615	15.03693	17.82423	18.23686	15.05306	15.05789	17.67724
19.83001	15.3072	15.09715	17.89575	18.31014	15.11333	15.1182	17.74817
19.93091	15.38525	15.17412	17.98693	18.40327	15.19038	15.19529	17.83857
20.00753	15.44441	15.23247	18.05618	18.47408	15.24879	15.25372	17.90723
20.08948	15.50747	15.29468	18.13003	18.54977	15.31105	15.31602	17.98048
20.18243	15.57942	15.36564	18.21402	18.63552	15.38209	15.38709	18.06376
20.27176	15.64836	15.43365	18.2947	18.71808	15.45017	15.45518	18.14377
20.35668	15.71374	15.49813	18.37124	18.79652	15.51471	15.51976	18.21969
20.45472	15.78959	15.57295	18.45983	18.88698	15.58961	15.59468	18.30753
20.54938	15.8627	15.64506	18.54536	18.97444	15.66178	15.66689	18.39234
20.6358	15.92918	15.71064	18.62321	19.05427	15.72742	15.73256	18.46958
20.73	16.00204	15.7825	18.70832	19.14119	15.79936	15.80452	18.55396
20.82191	16.07308	15.85256	18.79141	19.2261	15.86949	15.87469	18.63634
20.9127	16.14294	15.92148	18.87323	19.30997	15.93847	15.9437	18.71751
21.00915	16.21755	15.99506	18.96036	19.39894	16.01213	16.0174	18.80389
21.09766	16.28591	16.06249	19.04034	19.48073	16.07963	16.08492	18.88321
21.18311	16.35165	16.12733	19.11733	19.55967	16.14453	16.14986	18.95958
21.27825	16.4253	16.19998	19.20332	19.64744	16.21726	16.22261	19.04484
21.36749	16.49425	16.268	19.28394	19.72988	16.28534	16.29071	19.12479
21.45208	16.55936	16.33222	19.36015	19.808	16.34963	16.35502	19.2004
21.54636	16.63228	16.40415	19.44531	19.895	16.42163	16.42704	19.28485
21.64729	16.71025	16.48105	19.53649	19.98825	16.49862	16.50405	19.37528
21.75184	16.79073	16.56044	19.63073	20.08482	16.57809	16.58355	19.46876
21.86915	16.88147	16.64993	19.73672	20.19307	16.66766	16.67317	19.57386
21.97528	16.96342	16.73075	19.83264	20.29114	16.74856	16.75413	19.66897
22.06299	17.03089	16.79729	19.91171	20.37215	16.81516	16.82078	19.74739
22.17069	17.11421	16.87947	20.00905	20.47153	16.89741	16.90308	19.84389
22.2699	17.19083	16.95504	20.09871	20.56319	16.97305	16.97878	19.93279
22.36273	17.2623	17.02553	20.18238	20.64893	17.0436	17.04937	20.01578
22.45937	17.33706	17.09927	20.2697	20.73809	17.11743	17.12322	20.10235
22.55425	17.4104	17.17161	20.35545	20.82574	17.18984	17.19565	20.18738
22.64835	17.48285	17.24307	20.44023	20.91264	17.26138	17.26721	20.27149
22.74262	17.55581	17.31503	20.52539	20.9996	17.33342	17.33927	20.35593
22.83741	17.62905	17.38728	20.61105	21.0872	17.40574	17.4116	20.44088
22.92474	17.6963	17.45362	20.68973	21.16784	17.47214	17.47802	20.51894
23.02812	17.7763	17.53253	20.78314	21.26324	17.55115	17.55704	20.61156
23.12075	17.84788	17.60314	20.86683	21.34882	17.62182	17.62773	20.69457
23.21223	17.91828	17.67259	20.94925	21.43331	17.69135	17.69728	20.77634
23.32042	18.00205	17.75522	21.04701	21.53312	17.77406	17.78001	20.87329
23.424	18.08202	17.83411	21.14057	21.62885	17.85303	17.859	20.96609
23.52287	18.15813	17.90918	21.22969	21.72015	17.92817	17.93419	21.05449
23.63195	18.24253	17.99243	21.32825	21.82079	18.0115	18.01757	21.15223
23.74572	18.33037	18.07906	21.43101	21.9259	18.09822	18.10432	21.25414
23.84931	18.41009	18.1577	21.52438	22.02159	18.17692	18.18307	21.34678
23.96668	18.50089	18.24726	21.63048	22.12991	18.26657	18.27278	21.45197

24.07117	18.58153	18.32679	21.72488	22.22645	18.34616	18.35243	21.54558
24.17225	18.65936	18.40355	21.81599	22.31979	18.42299	18.42932	21.63596
24.28342	18.74538	18.48839	21.91647	22.42237	18.50792	18.51429	21.7356
24.38371	18.82282	18.56478	22.00708	22.51504	18.58438	18.59079	21.82545
24.48473	18.90057	18.64147	22.09811	22.60833	18.66114	18.66759	21.91576
24.5958	18.98659	18.72631	22.19853	22.71079	18.74607	18.75255	22.01532
24.69663	19.06447	18.80313	22.28962	22.80396	18.82296	18.82947	22.10567
24.79365	19.13914	18.87678	22.37701	22.89355	18.89669	18.90323	22.19238
24.90012	19.22154	18.95807	22.47319	22.99176	18.97806	18.98462	22.28777
25.00822	19.30501	19.0404	22.57084	23.09165	19.06048	19.06706	22.38463
25.11735	19.38905	19.1233	22.6692	23.19242	19.14346	19.15008	22.48221
25.23648	19.48119	19.21418	22.77681	23.30234	19.23442	19.24109	22.58894
25.3439	19.5641	19.29596	22.87387	23.40161	19.31629	19.32299	22.6852
25.45279	19.64793	19.37864	22.97199	23.50214	19.39904	19.4058	22.78255
25.56282	19.73306	19.46261	23.07143	23.60366	19.48309	19.48989	22.88116
25.66995	19.81575	19.54417	23.1682	23.70266	19.56473	19.57158	22.97715
25.77179	19.89417	19.62152	23.25998	23.79668	19.64215	19.64904	23.0682
25.89112	19.98651	19.71261	23.36779	23.90675	19.73333	19.74026	23.17512
26.01527	20.08225	19.80705	23.47987	24.0215	19.82786	19.83482	23.28632
26.14861	20.18493	19.90832	23.60007	24.14461	19.92923	19.93625	23.40556
26.27889	20.28572	20.00772	23.71785	24.26482	20.02872	20.03582	23.52234
26.39657	20.37649	20.09724	23.82417	24.37357	20.11831	20.12549	23.6278
26.51039	20.46405	20.1836	23.92675	24.47865	20.20473	20.212	23.72955
26.63987	20.56424	20.28241	24.04381	24.59812	20.30363	20.31098	23.84562
26.7492	20.64857	20.36558	24.14256	24.69914	20.38688	20.39428	23.94356
26.8616	20.73511	20.45093	24.24386	24.80291	20.47231	20.47977	24.04404
26.98478	20.83045	20.54497	24.35519	24.91656	20.56644	20.57394	24.15445
27.0938	20.91459	20.62796	24.45366	25.01729	20.64952	20.65704	24.25212
27.19733	20.9943	20.70659	24.54698	25.11289	20.72822	20.73578	24.34469
27.32169	21.09056	20.80154	24.65935	25.2276	20.82327	20.83087	24.45612
27.43493	21.17799	20.88779	24.76166	25.33227	20.9096	20.91722	24.5576
27.53378	21.25411	20.96287	24.85073	25.42352	20.98476	20.99241	24.64596
27.65223	21.34584	21.05336	24.95778	25.53279	21.07534	21.08302	24.75212
27.76525	21.43306	21.1394	25.05982	25.63723	21.16147	21.16916	24.85336
27.87553	21.518	21.22319	25.15922	25.73906	21.24534	21.25307	24.95198
27.99993	21.61435	21.31823	25.27164	25.85379	21.34047	21.34824	25.06348
28.15191	21.73158	21.43387	25.40883	25.99426	21.45623	21.46403	25.19958
28.30009	21.84567	21.5464	25.54239	26.13107	21.56886	21.57673	25.33209
28.44939	21.96115	21.66029	25.67736	26.26884	21.68284	21.69082	25.46593
28.58354	22.06458	21.7623	25.79855	26.39281	21.78493	21.79302	25.58612
28.70429	22.15741	21.85384	25.90738	26.50433	21.87653	21.88473	25.69408
28.84047	22.26278	21.95776	26.03057	26.63	21.98055	21.98884	25.8162
28.96642	22.35997	22.05361	26.14438	26.74638	22.07648	22.08484	25.92906
29.08082	22.44807	22.14051	26.24753	26.85198	22.16345	22.17188	26.03136
29.21481	22.55186	22.24288	26.3687	26.9756	22.26593	22.27441	26.15149
29.34104	22.64931	22.339	26.48272	27.09225	22.36214	22.37066	26.26457
29.44774	22.73148	22.42005	26.57886	27.19074	22.44327	22.45182	26.35995
29.57919	22.83331	22.5205	26.6977	27.31201	22.54382	22.5524	26.47779
29.69719	22.92437	22.61033	26.80423	27.42103	22.63375	22.64235	26.58346

29.8081	23.00982	22.69463	26.90418	27.52343	22.71813	22.72675	26.68263
29.93494	23.10807	22.79155	27.01885	27.64046	22.81516	22.82379	26.79634
30.04939	23.19641	22.87869	27.12221	27.74625	22.90239	22.91104	26.89888
30.15296	23.27613	22.95735	27.2155	27.84185	22.98112	22.98979	26.99145
30.29903	23.38924	23.06892	27.34754	27.97664	23.0928	23.10152	27.12241
30.40733	23.47284	23.15139	27.44532	28.07671	23.17535	23.18409	27.21942
30.51846	23.55836	23.23577	27.54541	28.17931	23.25981	23.26858	27.31876
30.66408	23.67108	23.34697	27.67697	28.31365	23.37111	23.37992	27.44928
30.83945	23.80628	23.48034	27.83523	28.47572	23.50462	23.51346	27.60631
31.00108	23.93074	23.6031	27.98098	28.62498	23.62747	23.63642	27.75092
31.16117	24.05452	23.72517	28.1257	28.77268	23.74963	23.75872	27.89443
31.3042	24.16474	23.83386	28.25494	28.9049	23.8584	23.86764	28.02261
31.44283	24.27137	23.93902	28.37998	29.03291	23.96362	23.97301	28.14664
31.60017	24.3931	24.05907	28.52226	29.17808	24.08377	24.09328	28.2877
31.72607	24.49018	24.15482	28.63603	29.29444	24.17958	24.18919	28.40052
31.85594	24.59019	24.25345	28.75312	29.41432	24.27831	24.28799	28.51666
31.99395	24.69701	24.35881	28.8779	29.54166	24.38376	24.39351	28.64039
32.13157	24.80328	24.46364	29.00225	29.6688	24.48869	24.49849	28.76371
32.24985	24.8943	24.55342	29.10877	29.77797	24.57855	24.5884	28.8694
32.39585	25.00743	24.66502	29.24083	29.9127	24.69026	24.70014	29.00035
32.52256	25.10525	24.76151	29.35526	30.02976	24.78686	24.79676	29.11386
32.6467	25.20085	24.85582	29.4671	30.14437	24.88125	24.89119	29.22484
32.78934	25.31137	24.96485	29.59606	30.27593	24.9904	25.00036	29.35272
32.90693	25.40206	25.05432	29.70221	30.38462	25.07995	25.08993	29.45804
33.02968	25.49658	25.14757	29.8128	30.49794	25.1733	25.18331	29.5678
33.17109	25.60604	25.25555	29.94059	30.62842	25.28138	25.29143	29.69456
33.29645	25.70281	25.35102	30.05382	30.74426	25.37694	25.38702	29.80689
33.42117	25.7988	25.44572	30.16617	30.85942	25.47172	25.48185	29.9184
33.56791	25.9124	25.55778	30.29876	30.99478	25.58389	25.59407	30.04994
33.73285	26.0396	25.68327	30.44766	31.1472	25.70949	25.71971	30.1977
33.89235	26.16237	25.80436	30.59142	31.29447	25.83068	25.841	30.34035
34.05835	26.29067	25.93091	30.74145	31.44766	25.95733	25.96778	30.48917
34.21329	26.41011	26.04871	30.88141	31.59082	26.07521	26.0858	30.628
34.34702	26.51297	26.15016	31.00197	31.71431	26.17672	26.18744	30.74763
34.5089	26.63818	26.27365	31.14832	31.86366	26.3003	26.31115	30.89277
34.6638	26.75759	26.39142	31.28821	32.00681	26.41817	26.42911	31.03154
34.81907	26.87708	26.50928	31.4281	32.1501	26.53612	26.54716	31.17036
34.98557	27.00583	26.63626	31.57863	32.30377	26.66322	26.67436	31.31964
35.13861	27.12383	26.75266	31.71684	32.44514	26.7797	26.79095	31.45676
35.27118	27.22579	26.85322	31.83629	32.56753	26.88034	26.89168	31.57529
35.43294	27.35099	26.97671	31.98258	32.71678	27.00393	27.01537	31.72036
35.58961	27.47175	27.09583	32.12402	32.86154	27.12315	27.13467	31.86068
35.73196	27.58138	27.20396	32.25233	32.99292	27.23138	27.24298	31.988
35.88487	27.69972	27.3207	32.39059	33.134	27.34822	27.35989	32.12512
36.03265	27.81371	27.43314	32.52402	33.27051	27.46077	27.47249	32.25749
36.17557	27.92377	27.54171	32.65284	33.40246	27.56944	27.58123	32.38532
36.34303	28.05342	27.6696	32.80426	33.55696	27.69744	27.70929	32.53549
36.48685	28.16429	27.77897	32.93407	33.68987	27.80691	27.81882	32.6643
36.65186	28.29134	27.9043	33.08276	33.8422	27.93235	27.94433	32.81184

36.84973	28.44444	28.05532	33.26165	34.02481	28.0835	28.09557	32.98927
37.01207	28.56956	28.17872	33.40822	34.17481	28.207	28.21918	33.13468
37.17076	28.69172	28.29921	33.55131	34.32132	28.32758	28.3399	33.27664
37.3571	28.83591	28.44143	33.71986	34.49327	28.46991	28.48235	33.44378
37.49837	28.94473	28.54876	33.84738	34.62383	28.57732	28.58986	33.57029
37.65794	29.0676	28.66995	33.99122	34.7711	28.6986	28.71126	33.71301
37.82828	29.19942	28.79998	34.14522	34.92825	28.82875	28.84149	33.86574
37.97817	29.31491	28.91391	34.28055	35.0668	28.94276	28.95558	34.00001
38.1342	29.43512	29.03247	34.42125	35.21082	29.06144	29.07433	34.1396
38.29935	29.56305	29.15866	34.57066	35.3632	29.18774	29.20071	34.28775
38.45297	29.68144	29.27545	34.7093	35.50516	29.30463	29.31767	34.42532
38.59773	29.79303	29.38554	34.83983	35.63874	29.41481	29.42792	34.55482
38.77568	29.93074	29.52137	35.00064	35.80293	29.55078	29.56395	34.71435
38.93538	30.05376	29.64275	35.14473	35.95051	29.67226	29.68548	34.85734
39.09138	30.17389	29.76125	35.28533	36.09449	29.79086	29.80416	34.99687
39.28073	30.32041	29.90577	35.45651	36.2692	29.9355	29.94891	35.16666
39.4441	30.44624	30.0299	35.604	36.42023	30.05972	30.07323	35.31301
39.61613	30.57878	30.16063	35.75918	36.57901	30.19057	30.20419	35.46696
39.79685	30.71871	30.29866	35.92265	36.74577	30.32869	30.34244	35.62909
39.96384	30.84731	30.42552	36.07334	36.90009	30.45566	30.4695	35.7786
40.13736	30.98092	30.55731	36.22974	37.06025	30.58755	30.6015	35.93382
40.32372	31.12513	30.69956	36.39833	37.23225	30.72991	30.74397	36.10101
40.49225	31.25502	30.82768	36.5505	37.38795	30.85812	30.87232	36.25197
40.67216	31.3935	30.96427	36.71263	37.55402	30.99481	31.00913	36.41285
40.85753	31.53699	31.10582	36.88032	37.72506	31.13648	31.15091	36.57918
41.03606	31.67454	31.24148	37.04148	37.89004	31.27225	31.28679	36.73907
41.21252	31.81048	31.37558	37.20063	38.05291	31.40645	31.42112	36.89697
41.39728	31.95348	31.51663	37.36771	38.22337	31.54761	31.56238	37.06268
41.56842	32.08534	31.64669	37.52221	38.38153	31.67778	31.69267	37.21598
41.73072	32.21021	31.76987	37.66845	38.53133	31.80106	31.81605	37.36109
41.91434	32.35239	31.91013	37.83456	38.70077	31.94143	31.95651	37.52585
42.09489	32.49158	32.04743	37.99755	38.86755	32.07884	32.09402	37.68755
42.25107	32.61178	32.166	38.13824	39.0117	32.19751	32.21278	37.8272
42.44958	32.76542	32.31756	38.31772	39.19486	32.3492	32.36456	38.00523
42.63552	32.90864	32.45884	38.48558	39.36675	32.4906	32.50605	38.1718
42.80814	33.04161	32.59002	38.64126	39.52603	32.62187	32.63745	38.32627
43.02248	33.20744	32.75359	38.83504	39.72379	32.78555	32.80128	38.51846
43.19106	33.3373	32.88168	38.98724	39.8796	32.91374	32.92959	38.66949
43.37242	33.47685	33.01934	39.15067	40.047	33.0515	33.06748	38.83169
43.56517	33.62606	33.16652	39.32501	40.22484	33.1988	33.2149	39.00462
43.74815	33.76699	33.30554	39.49022	40.39397	33.33793	33.35414	39.16853
43.93533	33.91116	33.44775	39.65903	40.56673	33.48024	33.49659	39.33603
44.12941	34.06137	33.59592	39.83449	40.74574	33.62852	33.645	39.51006
44.31098	34.20129	33.73394	39.99848	40.91362	33.76665	33.78323	39.67279
44.48293	34.33363	33.86449	40.15348	41.07232	33.8973	33.914	39.82658
44.67617	34.48331	34.01216	40.32829	41.25055	34.04507	34.0619	39.99995
44.86764	34.63081	34.15767	40.50114	41.42756	34.19069	34.20763	40.17147
45.07493	34.79046	34.31518	40.68806	41.61889	34.34831	34.36538	40.35696
45.28117	34.95007	34.47262	40.87462	41.8092	34.50586	34.52309	40.54198

45.48071	35.10389	34.62435	41.05486	41.99358	34.6577	34.67506	40.72079
45.65833	35.2406	34.75919	41.21496	42.15752	34.79264	34.81015	40.87967
45.86503	35.40064	34.91706	41.40193	42.34821	34.95063	34.96828	41.06511
46.05007	35.54322	35.05771	41.56901	42.51923	35.09138	35.10915	41.23091
46.23062	35.68208	35.1947	41.73166	42.68587	35.22847	35.24637	41.39232
46.45282	35.85406	35.36437	41.93261	42.89089	35.39825	35.41629	41.59166
46.64001	35.99833	35.50671	42.10166	43.06387	35.54068	35.55885	41.75941
46.81531	36.13322	35.63978	42.25971	43.22571	35.67383	35.69214	41.91626
47.03811	36.3056	35.80985	42.46117	43.43124	35.84401	35.86249	42.11608
47.20603	36.43499	35.9375	42.61284	43.58646	35.97174	35.99035	42.2666
47.40375	36.58716	36.08765	42.79108	43.76895	36.12196	36.14074	42.44348
47.60309	36.74149	36.23992	42.97141	43.95284	36.27432	36.29325	42.62236
47.82552	36.91294	36.40908	43.17224	44.15835	36.44358	36.46267	42.82166
48.0326	37.07233	36.56633	43.35898	44.34953	36.60091	36.62017	43.00698
48.25628	37.24523	36.73689	43.56119	44.55592	36.77158	36.79103	43.20759
48.45884	37.40134	36.89088	43.74417	44.74307	36.92568	36.9453	43.38915
48.66206	37.5578	37.04522	43.92746	44.93066	37.08011	37.09991	43.57104
48.89017	37.73431	37.21935	44.13383	45.14114	37.25435	37.27432	43.77573
49.07993	37.88045	37.36353	44.30518	45.31652	37.3986	37.41874	43.94577
49.27626	38.03164	37.51269	44.48224	45.4977	37.54785	37.56815	44.12148
49.48894	38.19623	37.67508	44.67461	45.6939	37.71033	37.7308	44.3123
49.68013	38.34344	37.82031	44.84722	45.87062	37.85566	37.87628	44.48362
49.90053	38.51318	37.98777	45.04601	46.07403	38.02322	38.04401	44.68089
50.1181	38.68156	38.15389	45.24285	46.27478	38.18944	38.21042	44.87616
50.3254	38.8412	38.31137	45.43	46.46632	38.34701	38.36818	45.06189
50.52777	38.99707	38.46516	45.61253	46.65308	38.50087	38.52222	45.24305
50.74763	39.16717	38.63296	45.81132	46.85588	38.66878	38.6903	45.44027
50.97659	39.34343	38.80684	46.018	47.06749	38.84278	38.86446	45.64541
51.22416	39.53414	38.99498	46.24133	47.29596	39.03103	39.05293	45.86704
51.4865	39.73692	39.19502	46.47852	47.53802	39.2312	39.25332	46.10234
51.6833	39.88839	39.34443	46.65626	47.71993	39.38069	39.403	46.27874
51.90956	40.0625	39.51615	46.8603	47.92876	39.55252	39.57505	46.48121
52.14387	40.2439	39.69508	47.07243	48.14502	39.73158	39.75429	46.69159
52.36663	40.41562	39.86448	47.27363	48.35078	39.90108	39.92398	46.8912
52.57132	40.57309	40.01983	47.45808	48.53969	40.05652	40.0796	47.07426
52.79649	40.74745	40.19183	47.66185	48.74747	40.22864	40.25188	47.27639
52.99924	40.90363	40.34591	47.84487	48.93479	40.38282	40.40622	47.45803
53.20299	41.06044	40.5006	48.02848	49.1228	40.53762	40.56116	47.64029
53.43596	41.24073	40.67845	48.23919	49.33778	40.7156	40.7393	47.84935
53.62835	41.38887	40.82459	48.41287	49.51555	40.86184	40.88568	48.02176
53.83526	41.54811	40.98168	48.59942	49.70651	41.01902	41.04304	48.20692
54.05865	41.72095	41.1522	48.80151	49.91261	41.18966	41.21385	48.40741
54.28048	41.8918	41.32073	49.00176	50.11758	41.35829	41.38266	48.60618
54.49517	42.0571	41.48381	49.19534	50.31569	41.52147	41.54603	48.79836
54.74408	42.24957	41.67368	49.42039	50.54535	41.71146	41.73621	49.02167
54.96338	42.41835	41.84018	49.61832	50.748	41.87806	41.90301	49.21814
55.23059	42.6241	42.04316	49.85932	50.99459	42.08116	42.10635	49.45734
55.50211	42.83394	42.25018	50.10486	51.24517	42.28827	42.31373	49.70096
55.72549	43.00578	42.4197	50.30648	51.45156	42.45786	42.48358	49.90108

55.95568	43.18304	42.59458	50.5142	51.66401	42.63282	42.65878	50.10723
56.19519	43.36819	42.77722	50.73083	51.88503	42.81556	42.84177	50.32215
56.42486	43.54508	42.95171	50.93824	52.09723	42.99015	43.01656	50.52798
56.65004	43.7185	43.12279	51.14132	52.305	43.16132	43.18795	50.72955
56.88897	43.90336	43.30515	51.35749	52.52547	43.3438	43.37063	50.94402
57.11484	44.0771	43.47652	51.56128	52.7342	43.5153	43.54231	51.14629
57.35923	44.26538	43.66227	51.78173	52.95971	43.70115	43.72838	51.3651
57.6201	44.46715	43.8613	52.01767	53.20044	43.90032	43.92775	51.59919
57.85255	44.64606	44.03778	52.2275	53.41525	44.07691	44.10455	51.80747
58.10066	44.83718	44.22633	52.45134	53.64418	44.26555	44.29342	52.02961
58.35548	45.03436	44.42084	52.6819	53.87928	44.46018	44.48828	52.25834
58.57201	45.20083	44.58506	52.87725	54.07942	44.62449	44.6528	52.45228
58.7956	45.373	44.75491	53.0789	54.28571	44.79444	44.82296	52.65243
59.05169	45.57121	44.95044	53.31062	54.52195	44.99009	45.01882	52.88232
59.30322	45.76477	45.14136	53.53757	54.75439	45.18114	45.21008	53.10764
59.56286	45.96458	45.33849	53.77165	54.99397	45.37839	45.40758	53.34
59.84661	46.18406	45.555	54.02837	55.25579	45.595	45.62445	53.59467
60.07878	46.36261	45.73112	54.23791	55.47036	45.77121	45.80091	53.80268
60.33447	46.55956	45.92542	54.4686	55.70628	45.96561	45.99557	54.03162
60.5984	46.76371	46.12682	54.70731	55.94975	46.16713	46.19733	54.26848
60.82435	46.93745	46.29821	54.9112	56.15859	46.33862	46.36904	54.47089
61.06522	47.12293	46.48119	55.12841	56.38081	46.52169	46.55234	54.68651
61.33153	47.32905	46.6845	55.36943	56.62655	46.72515	46.75601	54.92565
61.55803	47.50315	46.85626	55.57377	56.8359	46.89699	46.92807	55.1285
61.82286	47.70717	47.05751	55.81265	57.08023	47.09838	47.12969	55.3656
62.0986	47.9204	47.26787	56.06203	57.33467	47.30886	47.3404	55.61306
62.33486	48.10225	47.44724	56.2753	57.55297	47.48833	47.52011	55.82477
62.59836	48.30515	47.64742	56.51296	57.79609	47.6886	47.72065	56.0607
62.86626	48.51231	47.85179	56.75528	58.04329	47.89308	47.92538	56.30115
63.13228	48.71688	48.0536	56.99526	58.28909	48.095	48.12755	56.53941
63.39569	48.9197	48.25367	57.23291	58.53216	48.29518	48.328	56.77531
63.70594	49.15953	48.49027	57.51353	58.81844	48.5319	48.56503	57.05371
63.96086	49.35556	48.68365	57.7436	59.05398	48.72536	48.75879	57.28212
64.20303	49.54207	48.86765	57.96212	59.27737	48.90942	48.94315	57.49901
64.49044	49.76419	49.08676	58.22206	59.54262	49.12867	49.16266	57.75694
64.72861	49.94738	49.26747	58.43698	59.76264	49.30947	49.3437	57.9703
64.99821	50.1552	49.47248	58.68032	60.01138	49.51459	49.5491	58.21182
65.27501	50.36921	49.68359	58.93069	60.26681	49.72583	49.76059	58.46027
65.51909	50.55673	49.86858	59.15077	60.49234	49.91092	49.94591	58.6788
65.78215	50.75938	50.0685	59.38809	60.73502	50.11096	50.1462	58.91439
66.08786	50.99572	50.30164	59.66459	61.01717	50.34422	50.37974	59.18878
66.35001	51.19725	50.50047	59.90108	61.25936	50.54316	50.57895	59.42359
66.63777	51.41895	50.71916	60.16071	61.5248	50.76195	50.79807	59.68129
66.94654	51.65757	50.95457	60.44003	61.80979	50.99746	51.0339	59.95848
67.20657	51.85739	51.1517	60.67464	62.05009	51.19467	51.23141	60.19142
67.50273	52.08564	51.37685	60.94199	62.3233	51.41994	51.45701	60.45674
67.79975	52.31527	51.60339	61.21075	62.59743	51.64659	51.68396	60.7234
68.06404	52.51847	51.80385	61.4492	62.84159	51.84712	51.8848	60.96012
68.32355	52.71852	52.00121	61.68345	63.08098	52.04457	52.08254	61.19263

68.61973	52.94755	52.22715	61.95144	63.35432	52.27064	52.30888	61.45854
68.88254	53.14958	52.42644	62.18848	63.59712	52.47003	52.50853	61.6939
69.13282	53.34234	52.61661	62.41423	63.82799	52.66029	52.69907	61.91804
69.45055	53.58801	52.85895	62.70166	64.12122	52.90277	52.94186	62.20328
69.71702	53.79285	53.06101	62.94209	64.36746	53.10493	53.14429	62.442
70.03464	54.03754	53.30241	63.22863	64.66042	53.34643	53.38616	62.72645
70.35217	54.28286	53.54441	63.51582	64.95348	53.58855	53.62861	63.01149
70.65904	54.51871	53.77708	63.79271	65.23703	53.82133	53.86174	63.28639
70.93613	54.73214	53.98764	64.0428	65.49259	54.03195	54.07273	63.53463
71.25504	54.9787	54.23087	64.33141	65.78691	54.2753	54.31643	63.821
71.51741	55.18043	54.42989	64.56828	66.02938	54.47437	54.51584	64.05614
71.81176	55.4072	54.65358	64.83386	66.30085	54.69818	54.73999	64.31976
72.10214	55.63177	54.87513	65.09665	66.56882	54.91981	54.96194	64.58055
72.37337	55.84026	55.08081	65.3414	66.81947	55.12558	55.16802	64.82357
72.6749	56.07252	55.30991	65.6134	67.09755	55.35479	55.39757	65.09359
72.95566	56.28953	55.524	65.86745	67.35667	55.56898	55.61208	65.34576
73.21471	56.48843	55.72023	66.10107	67.59605	55.76525	55.80869	65.57778
73.48499	56.69646	55.92546	66.34489	67.84534	55.97057	56.01434	65.81989
73.79108	56.93303	56.15884	66.62177	68.12772	56.20405	56.24818	66.09472
74.09774	57.16854	56.39116	66.89832	68.41109	56.43646	56.48096	66.36939
23.51117	57.40297	56.62244	67.17312	68.69214	56.66781	56.71271	66.64227
23.62977	57.69271	56.90827	67.51244	69.03846	56.95376	56.9991	66.97913
23.7345	57.94722	57.15936	67.81145	69.3447	57.2049	57.25069	67.27603
23.83357	58.18863	57.39751	68.09442	69.63384	57.44312	57.48936	67.55695
23.93867	58.44564	57.65105	68.39542	69.94075	57.69675	57.74343	67.85566
24.02646	58.65897	57.8615	68.64605	70.19743	57.90725	57.95433	68.10454
24.11976	58.88655	58.08601	68.91268	70.46974	58.13184	58.1793	68.3692
24.2217	59.13563	58.33172	69.20439	70.76746	58.37765	58.4255	68.65874
24.30941	59.34896	58.54214	69.45491	71.0239	58.58816	58.63637	68.90749
24.40369	18.82691	58.76894	69.7242	71.29904	58.81503	58.86362	69.17484
24.50835	18.90779	59.02144	70.02387	71.6047	59.06763	59.1166	69.47227
24.59011	18.97051	59.21723	70.25704	71.8437	59.26348	59.31281	69.7039
24.68797	19.0459	18.78702	70.53655	72.12935	59.49893	59.54866	69.98145
24.78775	19.12294	18.86302	70.82214	72.42075	59.73954	59.78966	70.26498
24.86599	19.18292	18.92219	71.04531	72.64953	59.92682	59.97731	70.4867
24.96467	19.2589	18.99714	22.53936	72.93752	60.16409	60.21502	70.76653
25.08233	19.3497	19.08673	22.64573	73.28114	60.44767	60.49905	71.10075
25.17959	19.42431	19.16032	22.73343	73.56551	60.68064	60.73247	71.37644
25.28639	19.50652	19.24143	22.82981	23.34519	60.93735	60.98969	71.67929
25.4035	19.59692	19.33061	22.93573	23.45325	61.21964	61.27248	72.01201
25.51425	19.68197	19.41451	23.03564	23.55556	19.42933	61.53856	72.32601
25.60963	19.75537	19.48693	23.12172	23.64351	19.50175	61.76823	72.59649
25.72384	19.84359	19.57396	23.22506	23.74891	19.58881	62.04422	72.92109
25.81186	19.91119	19.64064	23.30451	23.83024	19.65551	19.6728	73.17077
25.91794	19.99286	19.72121	23.40026	23.92809	19.7361	19.75354	73.47157
26.02656	20.07682	19.80404	23.49855	24.0283	19.81896	19.83654	23.31457
26.12048	20.14895	19.8752	23.58327	24.11508	19.89013	19.90784	23.39872
26.21286	20.22004	19.94532	23.66657	24.20024	19.96028	19.97813	23.48145
26.32454	20.30629	20.03041	23.7676	24.30331	20.0454	20.06338	23.58175

26.42525	20.38357	20.10666	23.85842	24.39637	20.12166	20.13978	23.67197
26.54944	20.47918	20.20098	23.9705	24.51091	20.21601	20.2343	23.78326
26.65903	20.56379	20.28445	24.06964	24.61203	20.29951	20.31795	23.88168
26.76119	20.64224	20.36185	24.16184	24.70642	20.37691	20.39552	23.97325
26.86412	20.72144	20.43998	24.2547	24.80134	20.45505	20.47382	24.06546
26.97765	20.80916	20.52651	24.35743	24.90608	20.54162	20.56054	24.16744
27.06976	20.87982	20.59622	24.44051	24.9912	20.61134	20.6304	24.24997
27.18769	20.9706	20.68578	24.54694	25.09997	20.70092	20.72015	24.35565
27.3066	21.06243	20.77637	24.6545	25.20968	20.79153	20.81093	24.46244
27.40385	21.13702	20.84996	24.74221	25.29954	20.86514	20.88468	24.54956
27.51407	21.22194	20.93373	24.84175	25.40119	20.94893	20.96864	24.64838
27.62722	21.3093	21.01991	24.94408	25.50558	21.03513	21.055	24.74998
27.71629	21.37757	21.08727	25.02438	25.58788	21.1025	21.12251	24.82977
27.8347	21.46872	21.17719	25.13122	25.69708	21.19244	21.21262	24.93588
27.96462	21.56898	21.2761	25.2487	25.81696	21.29138	21.31174	25.05252
28.07985	21.65744	21.36337	25.35265	25.92341	21.37867	21.3992	25.15578
28.18868	21.74117	21.44598	25.45087	26.02378	21.46129	21.48199	25.25332
28.3108	21.83546	21.53899	25.56137	26.13647	21.55432	21.57521	25.36301
28.41405	21.91474	21.61721	25.65455	26.23185	21.63254	21.6536	25.45555
28.51816	21.99483	21.69622	25.74847	26.32785	21.71156	21.73279	25.54881
28.64183	22.09036	21.79047	25.86038	26.44196	21.80583	21.82723	25.65991
28.74033	22.16594	21.86502	25.94924	26.53297	21.8804	21.90195	25.74817
28.85211	22.25198	21.9499	26.05012	26.63605	21.9653	21.98703	25.84835
28.96157	22.33648	22.03327	26.14914	26.73705	22.04868	22.07057	25.94668
29.06723	22.41756	22.11326	26.24445	26.83466	22.12869	22.15074	26.04137
29.17529	22.50067	22.19526	26.34192	26.9343	22.21069	22.23292	26.1382
29.31101	22.6054	22.29858	26.46464	27.05953	22.31403	22.33645	26.26007
29.41897	22.68817	22.38024	26.56201	27.15928	22.3957	22.4183	26.35681
29.54214	22.78293	22.47373	26.67318	27.27286	22.48921	22.51201	26.46722
29.6653	22.87796	22.56748	26.78459	27.38649	22.58297	22.60597	26.57784
29.77336	22.96088	22.64928	26.88212	27.48634	22.66477	22.68796	26.67472
29.8873	23.04851	22.73574	26.98493	27.59139	22.75123	22.77462	26.77682
30.00772	23.14154	22.82751	27.09394	27.70249	22.84302	22.8666	26.88505
30.11158	23.22117	22.90607	27.18757	27.79843	22.92158	22.94533	26.97808
30.2312	23.31315	22.99681	27.29548	27.90874	23.01234	23.03629	27.08526
30.36352	23.41533	23.09761	27.41521	28.03082	23.11315	23.1373	27.20415
30.48623	23.50947	23.19049	27.52587	28.14415	23.20605	23.23039	27.31409
30.6086	23.60357	23.28333	27.63632	28.25703	23.29889	23.32344	27.42378
30.74018	23.70512	23.38352	27.75536	28.37841	23.39909	23.42385	27.54196
30.85749	23.7951	23.4723	27.8612	28.48679	23.48787	23.51284	27.6471
30.96785	23.88008	23.55613	27.96082	28.5885	23.5717	23.59687	27.74604
31.09531	23.97841	23.65313	28.07615	28.70615	23.66872	23.69409	27.86054
31.19941	24.05827	23.73191	28.17005	28.80229	23.74751	23.77306	27.95384
31.32389	24.15404	23.8264	28.2824	28.91711	23.842	23.86775	28.06542
31.43893	24.24284	23.914	28.38649	29.02323	23.92962	23.95556	28.16879
31.55032	24.32823	23.99825	28.48692	29.12612	24.01387	24.04	28.26859
31.66927	24.41977	24.08856	28.59426	29.23578	24.10418	24.13052	28.37523
31.79062	24.51335	24.18088	28.70405	29.34778	24.19651	24.22305	28.48427
31.89956	24.59679	24.2632	28.80225	29.44842	24.27883	24.30557	28.58187

32.03688	24.70245	24.36744	28.92624	29.57508	24.38308	24.41006	28.70503
32.1759	24.8097	24.47326	29.05202	29.70334	24.4889	24.51612	28.82993
32.28778	24.89545	24.55786	29.15292	29.80668	24.57349	24.60093	28.93019
32.41127	24.99046	24.6516	29.26439	29.92054	24.66722	24.69489	29.04092
32.54072	25.09033	24.75013	29.38158	30.04004	24.76575	24.79365	29.15728
32.67766	25.1954	24.85379	29.50507	30.16648	24.86942	24.89754	29.27996
32.82399	25.30802	24.96489	29.63717	30.30143	24.98054	25.0089	29.41116
32.96272	25.41508	25.07052	29.76272	30.42944	25.08617	25.11477	29.53582
33.08239	25.50688	25.16109	29.87068	30.53996	25.17673	25.20556	29.64308
33.22174	25.61411	25.26688	29.99649	30.66848	25.28252	25.3116	29.76801
33.35186	25.71458	25.366	30.11432	30.78857	25.38165	25.41094	29.88498
33.46597	25.80216	25.4524	30.21725	30.89393	25.46805	25.49755	29.98725
33.58955	25.89721	25.54618	30.32876	31.0079	25.56183	25.59155	30.09802
33.71845	25.99671	25.64434	30.44544	31.12686	25.66001	25.68993	30.21387
33.82965	26.08191	25.7284	30.54569	31.22958	25.74407	25.7742	30.3135
33.97276	26.1921	25.8371	30.6749	31.36154	25.85278	25.88315	30.44184
34.0871	26.28036	25.92419	30.77843	31.46704	25.93985	25.97044	30.54468
34.20746	26.37251	26.0151	30.8869	31.57823	26.03077	26.06158	30.65248
34.3349	26.47057	26.11185	31.00191	31.6957	26.12751	26.15855	30.76676
34.46323	26.56953	26.20949	31.11804	31.81413	26.22515	26.25642	30.88213
34.60715	26.67985	26.31832	31.2478	31.94704	26.33398	26.36551	31.01109
34.7528	26.79182	26.4288	31.37925	32.08134	26.44445	26.47626	31.14168
34.89838	26.90414	26.53962	31.51104	32.21568	26.55526	26.58734	31.27257
35.01687	26.99478	26.62905	31.61784	32.32515	26.64467	26.67701	31.37871
35.16281	27.10711	26.73987	31.74967	32.45971	26.75549	26.78811	31.50963
35.29766	27.21123	26.84259	31.87181	32.58414	26.8582	26.89108	31.63092
35.41481	27.30097	26.93112	31.97744	32.69237	26.94671	26.97984	31.7359
35.5375	27.39532	27.02421	32.08816	32.80545	27.03979	27.07316	31.8459
35.6768	27.50279	27.13024	32.21419	32.93398	27.14582	27.17944	31.97109
35.79679	27.5947	27.22092	32.32241	33.04484	27.2365	27.27034	32.07865
35.93063	27.69766	27.3225	32.44323	33.16821	27.33807	27.37217	32.19869
36.05206	27.79122	27.41482	32.55301	33.28021	27.43037	27.46472	32.30779
36.18251	27.89117	27.51341	32.67067	33.40072	27.52895	27.56355	32.42475
36.34142	28.0134	27.634	32.81412	33.54724	27.64955	27.68444	32.56727
36.4801	28.12028	27.73947	32.93964	33.67524	27.75499	27.79016	32.69197
36.61522	28.22374	27.84155	33.06149	33.80004	27.85705	27.89251	32.81306
36.75531	28.33155	27.94791	33.18801	33.92916	27.96339	27.99915	32.93876
36.89136	28.43639	28.05135	33.31108	34.05469	28.06681	28.10285	33.06103
37.02707	28.54039	28.15396	33.43349	34.18005	28.1694	28.20571	33.18269
37.16932	28.64985	28.26195	33.56192	34.31116	28.27738	28.31398	33.31031
37.30463	28.75404	28.36474	33.68427	34.43602	28.38016	28.41703	33.43188
37.43555	28.85434	28.46371	33.80234	34.55692	28.4791	28.51624	33.54924
37.56337	28.95259	28.56063	33.91772	34.67476	28.57601	28.61342	33.66392
37.7108	29.06618	28.67271	34.05111	34.81078	28.68806	28.72577	33.79644
37.84259	29.16709	28.77228	34.16992	34.93248	28.78761	28.82561	33.91456
37.99118	29.28133	28.88499	34.30404	35.06945	28.9003	28.9386	34.04784
38.17332	29.42162	29.0234	34.46878	35.23759	29.03871	29.07734	34.21149
38.31865	29.53298	29.13327	34.59988	35.37178	29.14854	29.1875	34.34178
38.48111	29.65801	29.25663	34.74666	35.52159	29.27188	29.31118	34.48757

38.63705	29.77817	29.37519	34.88776	35.66552	29.39041	29.43004	34.62772
38.76714	29.87793	29.47361	35.00515	35.78562	29.48881	29.52873	34.74437
38.92298	29.99795	29.59203	35.14595	35.92931	29.6072	29.64743	34.88423
39.06474	30.10715	29.69976	35.27423	36.06018	29.71493	29.75543	35.01164
39.19003	30.20314	29.79447	35.38723	36.17587	29.80961	29.85039	35.12397
39.33712	30.31643	29.90625	35.52016	36.31147	29.92138	29.96244	35.25601
39.47597	30.42338	30.01176	35.64577	36.43963	30.02687	30.06822	35.38081
39.60315	30.5208	30.10789	35.76043	36.55702	30.12298	30.1646	35.49479
39.75035	30.63418	30.21974	35.89347	36.69273	30.23482	30.27674	35.62698
39.8911	30.74243	30.32656	36.02072	36.82268	30.34161	30.38383	35.75345
40.00668	30.83081	30.41376	36.12488	36.92937	30.42878	30.47127	35.85703
40.15707	30.94666	30.52807	36.26083	37.068	30.54306	30.58588	35.99212
40.31764	31.07014	30.6499	36.40594	37.21622	30.66487	30.70802	36.13636
40.4588	31.17815	30.75647	36.5332	37.34655	30.7714	30.81488	36.26289
40.62411	31.30544	30.88205	36.68259	37.49892	30.89695	30.94079	36.41134
40.76621	31.41463	30.9898	36.81105	37.63012	31.00465	31.04883	36.53903
40.88757	31.50745	31.0814	36.92049	37.74217	31.09619	31.1407	36.64786
41.04934	31.63208	31.20435	37.06672	37.89123	31.21912	31.26398	36.79317
41.19525	31.74421	31.31498	37.19864	38.02599	31.32971	31.37491	36.9243
41.33223	31.84892	31.41831	37.32201	38.15238	31.43299	31.47851	37.04701
41.50776	31.98416	31.55173	37.48072	38.31421	31.56639	31.61229	37.2047
41.65743	32.0992	31.66524	37.61604	38.45238	31.67986	31.72611	37.3392
41.80685	32.21357	31.77808	37.75076	38.59035	31.79266	31.83926	37.47314
41.99185	32.35608	31.91869	37.91796	38.76084	31.93323	31.98023	37.63927
42.15382	32.48061	32.04156	38.06446	38.91043	32.05606	32.10343	37.78486
42.30197	32.59409	32.15353	38.19808	39.04716	32.16798	32.21572	37.91767
42.46868	32.72253	32.28026	38.34881	39.20082	32.29467	32.34278	38.06742
42.61961	32.83859	32.39477	38.48536	39.34024	32.40914	32.45759	38.20311
42.75763	32.94426	32.49903	38.60983	39.46763	32.51336	32.56215	38.32682
42.91114	33.06267	32.61587	38.7487	39.60905	32.63016	32.67929	38.46479
43.06361	33.17988	32.73151	38.88655	39.74986	32.74577	32.79523	38.6018
43.20256	33.28624	32.83646	39.01183	39.87811	32.85067	32.90047	38.72635
43.36937	33.41478	32.96327	39.16265	40.03184	32.97746	33.02762	38.87621
43.51021	33.52303	33.07009	39.28999	40.16187	33.08423	33.13472	39.00282
43.64943	33.62945	33.1751	39.41542	40.29036	33.18919	33.24003	39.12758
43.78921	33.73707	33.28129	39.54174	40.41906	33.29533	33.34652	39.25318
43.96503	33.87218	33.41459	39.70067	40.5814	33.4286	33.48017	39.41119
44.12307	33.99302	33.53384	39.84312	40.72731	33.54779	33.59975	39.55284
44.30936	34.13644	33.67535	40.01153	40.89901	33.68924	33.74165	39.7202
44.45727	34.25006	33.78745	40.14525	41.03555	33.80128	33.85407	39.85315
44.60273	34.36129	33.89722	40.2764	41.16985	33.91098	33.96416	39.98359
44.7728	34.49227	34.02645	40.43017	41.32655	34.04016	34.09376	40.13641
44.91196	34.59907	34.13184	40.55595	41.45506	34.14548	34.19945	40.26149
45.06334	34.71486	34.24607	40.69241	41.59478	34.25967	34.31402	40.39721
45.23805	34.84945	34.37888	40.85032	41.75565	34.39242	34.44718	40.55419
45.4352	35.00089	34.52829	41.02853	41.93776	34.5418	34.59698	40.73132
45.61858	35.14121	34.66674	41.19387	42.10706	34.68019	34.73583	40.89572
45.81388	35.29167	34.81521	41.37058	42.28715	34.82858	34.88469	41.07125
45.99788	35.43327	34.95492	41.53713	42.45704	34.96824	35.02481	41.23671

46.15285	35.55196	35.07203	41.67693	42.60003	35.08528	35.14226	41.37564
46.32859	35.68737	35.20565	41.83595	42.76206	35.21884	35.27624	41.5336
46.48522	35.80785	35.32451	41.97767	42.90666	35.33767	35.39543	41.6744
46.62683	35.91624	35.43147	42.10538	43.03736	35.44456	35.50269	41.80136
46.79433	36.04533	35.55885	42.25694	43.19176	35.5719	35.6304	41.9519
46.94945	36.16471	35.67666	42.39735	43.33497	35.68965	35.74852	42.09143
47.10237	36.28176	35.79216	42.53518	43.47606	35.80509	35.86434	42.22849
47.26398	36.40616	35.91491	42.68133	43.62505	35.92779	35.98742	42.37373
47.41071	36.5189	36.02616	42.81409	43.76055	36.03898	36.09898	42.50572
47.54606	36.62232	36.12821	42.93608	43.88546	36.14096	36.20134	42.62707
47.70961	36.74826	36.25248	43.08395	44.03611	36.26517	36.32597	42.77409
47.85125	36.85691	36.3597	43.21198	44.1669	36.37231	36.4335	42.90147
47.99828	36.96913	36.47044	43.34433	44.30253	36.48297	36.54458	43.03324
48.16637	37.09839	36.59798	43.49628	44.45743	36.61044	36.6725	43.18435
48.31509	37.21238	36.71046	43.63064	44.5947	36.72285	36.78533	43.31805
48.5023	37.3553	36.85149	43.79916	44.76746	36.86379	36.92677	43.48582
48.733	37.5328	37.02662	44.00773	44.98016	37.03885	37.10239	43.69316
48.93735	37.68967	37.18142	44.1925	45.16884	37.19355	37.25765	43.87687
49.10606	37.81876	37.3088	44.34474	45.32453	37.32082	37.38545	44.02827
49.28652	37.95762	37.44581	44.50803	45.49093	37.45773	37.52288	44.19053
49.46714	38.09638	37.58273	44.67148	45.65773	37.59457	37.66021	44.35295
49.6351	38.22511	37.70975	44.82313	45.81273	37.7215	37.78761	44.50367
49.80287	38.35443	37.83736	44.97502	45.96733	37.84904	37.91558	44.65456
49.98029	38.4908	37.97193	45.13553	46.13118	37.98354	38.05052	44.81406
50.13283	38.6075	38.08709	45.27307	46.27192	38.09862	38.16601	44.95081
50.31279	38.74613	38.2239	45.43586	46.43776	38.23537	38.30319	45.11259
50.45687	38.85674	38.33306	45.56622	46.57086	38.34446	38.41266	45.24221
50.62648	38.98653	38.46113	45.71916	46.72736	38.47245	38.5411	45.39429
50.79059	39.1129	38.58585	45.8676	46.87849	38.5971	38.66618	45.54186
50.94729	39.23313	38.7045	46.00927	47.02319	38.71565	38.78517	45.68278
51.08456	39.33774	38.80774	46.13282	47.14986	38.8188	38.88873	45.8058
51.26833	39.47908	38.94721	46.29892	47.3191	38.95818	39.0286	45.97098
51.41442	39.59099	39.05766	46.43095	47.45396	39.06853	39.13939	46.10239
51.59868	39.73156	39.19635	46.59678	47.624	39.20715	39.27851	46.2675
51.85548	39.92913	39.3913	46.829	47.86077	39.402	39.47401	46.49834
52.04942	40.07788	39.53809	47.00443	48.03996	39.54867	39.62125	46.67278
52.22566	40.21258	39.67101	47.16336	48.20254	39.68146	39.75462	46.83086
52.44591	40.38221	39.8384	47.36269	48.4055	39.84875	39.92251	47.02891
52.61026	40.50824	39.96276	47.51141	48.55743	39.97299	40.04725	47.17679
52.77914	40.63747	40.09029	47.66377	48.71321	40.10043	40.17519	47.32828
52.95459	40.77271	40.22375	47.82266	48.87487	40.23379	40.30904	47.48615
53.12366	40.9024	40.35172	47.97556	49.0311	40.36167	40.43739	47.63817
53.27636	41.01917	40.46697	48.11325	49.17195	40.47682	40.55299	47.77513
53.47144	41.16953	40.61536	48.28989	49.35169	40.62513	40.70179	47.95065
53.6282	41.28962	40.73388	48.4316	49.49657	40.74355	40.82066	48.09161
53.77237	41.39968	40.84249	48.56152	49.62956	40.85207	40.92963	48.2209
53.94814	41.53502	40.97605	48.72062	49.79151	40.98553	41.06359	48.37906
54.10494	41.65518	41.09464	48.86241	49.93637	41.104	41.18254	48.52014
54.25761	41.77152	41.20945	48.9998	50.07715	41.2187	41.29774	48.65695

54.43493	41.90813	41.34427	49.16033	50.24037	41.35341	41.43298	48.81659
54.60553	42.03859	41.47301	49.31438	50.39803	41.48204	41.56213	48.96994
54.77839	42.17038	41.60306	49.46999	50.55745	41.61196	41.6926	49.1249
54.98478	42.32916	41.75975	49.65669	50.74755	41.76853	41.84977	49.31057
55.16143	42.46444	41.89325	49.81642	50.91076	41.9019	41.9837	49.4695
55.35559	42.61267	42.03952	49.99139	51.08992	42.04803	42.13047	49.64364
55.56875	42.77676	42.20144	50.18433	51.28628	42.20984	42.2929	49.83543
55.7552	42.91964	42.34245	50.35295	51.45858	42.3507	42.43434	50.00317
55.93756	43.05886	42.47984	50.51726	51.62678	42.48796	42.57219	50.16668
56.12693	43.20476	42.62382	50.68877	51.80119	42.63181	42.71663	50.33715
56.30161	43.33867	42.75596	50.84675	51.96258	42.76384	42.84919	50.49429
56.47565	43.47162	42.88717	51.00364	52.12319	42.89493	42.98082	50.65043
56.6873	43.63471	43.04811	51.19524	52.3181	43.05576	43.14225	50.84085
56.83342	43.74645	43.15839	51.32727	52.45316	43.16592	43.25288	50.97227
56.99065	43.86646	43.27683	51.46898	52.59824	43.28423	43.37171	51.11335
57.20437	44.03101	43.43922	51.6624	52.79508	43.44651	43.53458	51.30561
57.37955	44.16506	43.5715	51.82064	52.95694	43.57867	43.66728	51.4631
57.59158	44.3269	43.7312	52.01155	53.15253	43.73827	43.82749	51.65316
57.83325	44.51311	43.91496	52.23038	53.37513	43.92189	44.01178	51.87066
58.03673	44.66888	44.06869	52.41434	53.5633	44.07547	44.166	52.05364
58.22693	44.81437	44.21228	52.58607	53.73883	44.21891	44.31007	52.22443
58.46072	44.99446	44.38999	52.79776	53.95426	44.3965	44.48834	52.43474
58.62865	45.12312	44.51696	52.94973	54.10955	44.52333	44.61572	52.58587
58.81317	45.26432	44.6563	53.11617	54.2797	44.66254	44.75551	52.7514
59.02251	45.42579	44.81565	53.30583	54.47252	44.82178	44.91533	52.93985
59.20321	45.56421	44.95224	53.46919	54.63959	44.95826	45.05233	53.10234
59.36184	45.68525	45.0717	53.61203	54.78582	45.0776	45.17219	53.24452
59.56818	45.84433	45.22868	53.79891	54.97585	45.23447	45.32963	53.43028
59.72898	45.9673	45.35004	53.94429	55.12458	45.35572	45.45139	53.57496
59.89195	46.09169	45.47279	54.09113	55.27485	45.47833	45.57455	53.72115
60.0788	46.23553	45.61476	54.26025	55.44681	45.62016	45.71698	53.88935
60.23911	46.35804	45.73566	54.40508	55.59498	45.74092	45.83828	54.03355
60.42462	46.49958	45.87534	54.57222	55.76612	45.88046	45.97843	54.19999
60.61043	46.64256	46.01644	54.74028	55.93693	46.02143	46.12002	54.36722
60.8125	46.7969	46.16875	54.92273	56.12377	46.17358	46.27281	54.54887
61.0432	46.97298	46.34251	55.13051	56.33652	46.34718	46.44714	54.75575
61.2611	47.14063	46.50797	55.32779	56.53714	46.51247	46.61316	54.95193
61.44805	47.28347	46.64894	55.49676	56.71001	46.65326	46.75461	55.1201
61.63335	47.42489	46.7885	55.66386	56.88097	46.79266	46.89468	55.28645
61.8506	47.59212	46.95354	55.86059	57.081	46.95752	47.06026	55.48203
62.01216	47.71572	47.0755	56.00676	57.23036	47.07934	47.18267	55.62751
62.20544	47.86324	47.22108	56.18094	57.40866	47.22476	47.32874	55.80093
62.40609	48.01769	47.37352	56.36251	57.5932	47.37704	47.48169	55.98151
62.60302	48.16832	47.52217	56.54046	57.77521	47.52554	47.63081	56.15864
62.77256	48.29736	47.64951	56.69303	57.93158	47.65273	47.75863	56.31066
62.99747	48.47053	47.82041	56.89666	58.13862	47.82346	47.93008	56.51317
63.18789	48.61607	47.96403	57.06872	58.31464	47.96693	48.07418	56.68445
63.39113	48.77111	48.11703	57.2518	58.50208	48.11975	48.22772	56.86675
63.62132	48.94835	48.29195	57.46022	58.71395	48.29451	48.40322	57.07401

63.84358	49.11841	48.45977	57.66114	58.91942	48.46216	48.57158	57.27391
64.02668	49.2579	48.59744	57.82603	59.08829	48.59964	48.70975	57.43814
64.24791	49.4284	48.76569	58.02659	59.29204	48.76774	48.87857	57.63749
64.43176	49.56908	48.90452	58.1929	59.46197	48.90639	49.01789	57.80299
64.61089	49.70559	49.03925	58.35428	59.6272	49.04095	49.1531	57.9637
64.84182	49.88352	49.21484	58.56345	59.83975	49.21637	49.32926	58.17166
65.01159	50.01336	49.34298	58.71696	59.9966	49.34435	49.45785	58.32448
65.1838	50.14458	49.47248	58.87215	60.15554	49.47367	49.58783	58.47906
65.38537	50.29962	49.62548	59.05445	60.3408	49.62651	49.74137	58.66045
65.57552	50.44492	49.76888	59.22624	60.51653	49.76973	49.88525	58.83154
65.75633	50.5826	49.90476	59.38914	60.68338	49.90543	50.02163	58.99385
65.9852	50.75855	50.07839	59.5962	60.89397	50.07888	50.19586	59.19982
66.13923	50.87605	50.19436	59.73542	61.03634	50.19466	50.31227	59.33855
66.38129	51.0606	50.37648	59.95338	61.25963	50.37659	50.49502	59.55563
66.63837	51.25851	50.57178	60.18629	61.49641	50.57171	50.69098	59.78721
66.85218	51.42203	50.73317	60.37967	61.69401	50.73289	50.85294	59.97964
67.06388	51.58367	50.89269	60.57076	61.88944	50.89218	51.01305	60.16983
67.32144	51.78201	51.08842	60.80417	62.12669	51.08771	51.20945	60.4018
67.50253	51.92057	51.22519	60.96808	62.29409	51.22427	51.34672	60.56489
67.6944	52.0669	51.3696	61.14096	62.471	51.36848	51.49166	60.73703
67.91626	52.23796	51.53842	61.34208	62.6752	51.53712	51.66104	60.93697
68.10225	52.38022	51.67883	61.51031	62.84718	51.67735	51.80192	61.10442
68.2761	52.51284	51.80973	61.66705	63.00745	51.80807	51.93331	61.26051
68.48515	52.67373	51.96851	61.85632	63.19982	51.96667	52.09263	61.4488
68.66663	52.81257	52.10553	62.02047	63.36747	52.10352	52.23014	61.61225
68.81326	52.92378	52.21531	62.15236	63.50275	52.2131	52.34037	61.7438
69.0262	53.0876	52.37698	62.34501	63.69843	52.37458	52.50261	61.93556
69.19431	53.21604	52.50374	62.49706	63.85374	52.50114	52.62985	62.08706
69.38849	53.36367	52.64946	62.67186	64.03294	52.64664	52.7761	62.2613
69.56409	53.4983	52.78235	62.83051	64.19418	52.77932	52.90952	62.41936
69.7677	53.654	52.936	63.01473	64.38232	52.93277	53.06373	62.60284
69.97659	53.81236	53.0923	63.20245	64.57517	53.08881	53.22062	62.79004
70.31156	54.07018	53.34672	63.50576	64.88356	53.34301	53.4759	63.09164
70.56235	54.26192	53.53596	63.73264	65.11546	53.53196	53.66581	63.31743
70.74958	54.40436	53.67654	63.9015	65.28829	53.67229	53.80701	63.48558
70.99895	54.59629	53.86597	64.12744	65.51781	53.86147	53.99712	63.71022
71.18401	54.73793	54.00576	64.29527	65.68915	54.00103	54.13744	63.8772
71.36472	54.87566	54.1417	64.45825	65.85574	54.13675	54.27393	64.03944
71.60417	55.06034	54.32397	64.67543	66.07618	54.31881	54.45682	64.25535
71.78866	55.20148	54.46326	64.84235	66.24662	54.4579	54.59664	64.42152
71.95578	55.32865	54.58879	64.993	66.40086	54.58323	54.72265	64.57163
72.17558	55.49806	54.75599	65.19218	66.60297	54.7502	54.89043	64.76974
72.34418	55.62679	54.88305	65.3448	66.75903	54.87707	55.01799	64.9218
72.50849	55.75172	55.00636	65.49267	66.91037	55.00016	55.14181	65.06921
72.72144	55.91568	55.16819	65.68562	67.10627	55.16176	55.30421	65.26121
72.87763	56.03464	55.28563	65.82669	67.25056	55.27898	55.42212	65.40189
73.03561	56.15437	55.4038	65.96871	67.39624	55.39694	55.5408	65.54366
73.25677	56.32451	55.57173	66.16892	67.59942	55.56462	55.70935	65.74296
73.43008	56.45621	55.70173	66.32536	67.75977	55.69439	55.83986	65.899

73.63338	56.61049	55.85402	66.50811	67.94711	55.84641	55.99275	66.08131
73.89828	56.81395	56.0548	66.74789	68.191	56.04694	56.19428	66.31994
74.10663	56.97292	56.21171	66.93633	68.38361	56.20357	56.3518	66.50762
74.29961	57.11947	56.35638	67.11002	68.56145	56.34796	56.49709	66.68079
74.55303	57.31467	56.54903	67.33982	68.79461	56.54035	56.69045	66.90936
74.77728	57.48557	56.7177	67.54238	69.00204	56.70874	56.85975	67.11115
75.02738	57.67648	56.90613	67.76799	69.23262	56.8969	57.04889	67.33581
75.27236	57.86502	57.09222	67.99002	69.45806	57.08273	57.23566	67.55667
75.46464	58.01151	57.2368	68.16389	69.63609	57.22706	57.38083	67.72985
75.67189	58.1699	57.39313	68.35094	69.82692	57.38313	57.53777	67.91611
75.89536	58.34197	57.56297	68.5536	70.03257	57.55273	57.70824	68.11773
76.06438	58.47029	57.68963	68.70612	70.18911	57.67913	57.83539	68.2698
76.28928	58.64242	57.85953	68.90924	70.39614	57.8488	58.00595	68.47204
76.48486	58.79304	58.00817	69.08678	70.57623	57.99722	58.15517	68.6487
76.65032	58.91856	58.13208	69.23582	70.72906	58.12088	58.27958	68.7974
76.86426	59.082	58.2934	69.42879	70.92597	58.28196	58.44153	68.98969
77.07816	59.24649	58.45575	69.62273	71.12286	58.44405	58.60449	69.18274
77.27559	59.39597	58.6033	69.80029	71.30537	58.59133	58.75262	69.35992
77.55415	59.60911	58.81365	70.05165	71.56176	58.8014	58.96373	69.61028
77.80323	59.8001	59.00216	70.27727	71.79147	58.98964	59.15296	69.83485
77.9854	59.93853	59.13881	70.44179	71.95995	59.126	59.29021	69.99881
78.23024	60.12585	59.32369	70.66281	72.18518	59.31058	59.47582	70.21889
78.43388	60.28246	59.47829	70.84778	72.37294	59.46489	59.63101	70.40293
78.62517	60.42757	59.62151	71.02005	72.54967	59.60786	59.77483	70.57472
78.83875	60.59101	59.78284	71.21304	72.74625	59.76891	59.93681	70.76694
79.04855	60.75212	59.94187	71.40326	72.9396	59.92767	60.09645	70.95631
79.2141	60.87753	60.06565	71.55242	73.09267	60.05121	60.22077	71.10513
79.43762	61.04882	60.23473	71.75433	73.298	60.22	60.39052	71.30626
79.65279	61.2137	60.39747	71.9493	73.49657	60.38247	60.55388	71.50042
79.87153	61.37949	60.5611	72.14592	73.69843	60.54582	60.71819	71.69659
80.15942	61.60022	60.77896	72.40617	73.96341	60.76338	60.93683	71.95572
80.4007	61.7849	60.96124	72.62462	74.18608	60.94534	61.11983	72.17323
80.62374	61.95438	61.12854	72.82575	74.39217	61.11232	61.28781	72.37366
80.86629	62.14077	61.31252	73.04552	74.61523	61.29599	61.47254	72.59232
25.64864	62.28121	61.45114	73.21191	74.78464	61.43431	61.61175	72.758
25.7087	62.42517	61.59324	73.38277	74.95979	61.57613	61.75447	72.92843
25.77913	19.80889	61.76193	73.58418	75.16428	61.74454	61.92383	73.12896
25.84788	19.86148	61.92596	73.78087	23.84965	61.90829	62.08849	73.32489
25.9012	19.90174	19.63657	73.93224	23.89888	62.03361	62.21465	73.47604
25.97738	19.96039	19.69446	74.15052	23.9689	19.68869	62.3983	73.69325
26.04539	20.0123	19.7457	23.52689	24.03176	19.73984	19.79774	73.88699
26.12674	20.07412	19.80672	23.6001	24.10678	19.80075	19.859	74.11766
26.20418	20.13368	19.86551	23.67029	24.17796	19.85944	19.91802	23.52481
26.26532	20.18026	19.91149	23.7256	24.23448	19.90532	19.9642	23.57995
26.33883	20.23614	19.96664	23.79185	24.30231	19.96038	20.01959	23.64598
26.41121	20.29186	20.02165	23.85754	24.36887	20.01528	20.07482	23.71135
26.46853	20.33552	20.06475	23.9094	24.42186	20.05829	20.11811	23.76304
26.53112	20.38299	20.1116	23.96569	24.47954	20.10504	20.16516	23.8192
26.60292	20.43823	20.16613	24.03085	24.5456	20.15947	20.21991	23.88406

26.66005	20.48166	20.209	24.08246	24.5984	20.20225	20.26298	23.93554
26.72545	20.53139	20.25809	24.14137	24.65863	20.25124	20.31227	23.9943
26.80254	20.59064	20.31657	24.21116	24.72942	20.30962	20.37099	24.06382
26.90412	20.66796	20.39289	24.30281	24.82339	20.38583	20.44758	24.15515
27.01046	20.74924	20.4731	24.3989	24.92148	20.46593	20.52811	24.2508
27.10701	20.82349	20.54639	24.4865	25.01043	20.53909	20.60168	24.33791
27.19014	20.88695	20.60904	24.56177	25.08735	20.60161	20.66459	24.41282
27.2574	20.93828	20.65971	24.62257	25.14938	20.65217	20.71548	24.47335
27.33645	20.99935	20.71999	24.69454	25.22222	20.71234	20.776	24.54486
27.40121	21.04877	20.76877	24.75315	25.28211	20.76103	20.82499	24.60321
27.47058	21.10188	20.82119	24.81588	25.346	20.81336	20.87763	24.66568
27.54335	21.15801	20.8766	24.882	25.41298	20.86868	20.93325	24.73145
27.59977	21.2009	20.91894	24.93295	25.46516	20.91093	20.97577	24.78224
27.6549	21.24295	20.96045	24.98264	25.5158	20.95235	21.01747	24.83182
27.7202	21.29316	21.01002	25.04192	25.57595	21.00182	21.06722	24.89085
27.76886	21.32991	21.0463	25.08576	25.62097	21.03801	21.10368	24.93465
27.8356	21.38087	21.09662	25.14601	25.68235	21.08822	21.15421	24.99472
27.89566	21.42699	21.14215	25.20047	25.73755	21.13364	21.19994	25.04901
27.94069	21.46073	21.17546	25.24086	25.7792	21.16685	21.23342	25.08945
28.00381	21.50872	21.22285	25.2977	25.83716	21.21412	21.28104	25.1462
28.05371	21.54689	21.26054	25.34297	25.88303	21.25168	21.31891	25.19139
28.10154	21.58264	21.29586	25.38585	25.92725	21.28687	21.35442	25.23434
28.16866	21.63366	21.34622	25.4463	25.98887	21.3371	21.40503	25.29469
28.23989	21.68806	21.39994	25.51075	26.05441	21.39068	21.45898	25.359
28.32403	21.75164	21.46271	25.58642	26.13213	21.4533	21.52203	25.43455
28.42238	21.82665	21.53675	25.6752	26.22265	21.5272	21.5964	25.52304
28.50943	21.8933	21.60254	25.75416	26.30294	21.59285	21.66248	25.60166
28.57959	21.94639	21.65494	25.81738	26.36776	21.64513	21.71513	25.66474
28.66176	22.0092	21.71694	25.89165	26.44334	21.707	21.77741	25.73873
28.74248	22.07114	21.77807	25.96491	26.51777	21.76803	21.8388	25.81167
28.81071	22.12276	21.82902	26.02634	26.58085	21.81886	21.88998	25.87297
28.88461	22.17947	21.885	26.09328	26.64878	21.87474	21.9462	25.93963
28.95149	22.23078	21.93564	26.154	26.71045	21.92527	21.99706	26.0001
29.01751	22.28081	21.98503	26.21344	26.77139	21.97456	22.04667	26.05943
29.09185	22.33783	22.04132	26.28071	26.83966	22.03074	22.1032	26.12646
29.15479	22.38585	22.08872	26.33773	26.89781	22.07802	22.1508	26.1833
29.20816	22.4261	22.12847	26.38573	26.9471	22.11765	22.19075	26.23125
29.2848	22.48491	22.18653	26.45511	27.01748	22.17559	22.24906	26.30038
29.3551	22.53854	22.23947	26.51873	27.08235	22.22841	22.30224	26.36381
29.4271	22.59306	22.2933	26.58351	27.14876	22.28211	22.35631	26.42848
29.50476	22.65257	22.35205	26.65374	27.22004	22.34072	22.41531	26.49849
29.58975	22.71735	22.416	26.73066	27.29864	22.40455	22.47953	26.57516
29.67476	22.78191	22.47973	26.80731	27.37708	22.46814	22.54355	26.65158
29.76543	22.85157	22.54849	26.88948	27.46039	22.53677	22.6126	26.73339
29.83475	22.90438	22.60062	26.9523	27.52456	22.58877	22.66496	26.79599
29.90272	22.95593	22.6515	27.01354	27.58723	22.63954	22.7161	26.85708
29.98682	23.02062	22.71536	27.08988	27.66462	22.70328	22.78022	26.93305
30.04838	23.06762	22.76176	27.14571	27.72151	22.74956	22.82683	26.98868
30.11619	23.11905	22.81253	27.20675	27.78401	22.80021	22.87783	27.04959

30.18575	23.17259	22.8654	27.26991	27.84788	22.85296	22.93094	27.11249
30.25436	23.22485	22.91698	27.332	27.91132	22.90442	22.98274	27.1744
30.31456	23.27044	22.96199	27.38617	27.96676	22.94931	23.02798	27.2285
30.39066	23.32886	23.01967	27.45514	28.03669	23.00685	23.08591	27.29722
30.44832	23.37254	23.06281	27.50722	28.09001	23.04986	23.12926	27.34923
30.51513	23.42315	23.11279	27.56734	28.1515	23.0997	23.17948	27.40927
30.59369	23.48346	23.17233	27.63858	28.22367	23.1591	23.23929	27.48026
30.66967	23.54103	23.22916	27.70718	28.29401	23.21578	23.29637	27.54872
30.75792	23.60806	23.29534	27.7867	28.37529	23.28181	23.36286	27.62803
30.86424	23.68972	23.37596	27.88313	28.47317	23.36226	23.44381	27.72402
30.9268	23.73718	23.4228	27.93977	28.5311	23.40898	23.4909	27.7805
30.99509	23.78906	23.47402	28.00133	28.59393	23.46007	23.54237	27.84191
31.07696	23.85211	23.53626	28.07574	28.66923	23.52217	23.60489	27.91599
31.14109	23.90069	23.58422	28.13365	28.72857	23.57001	23.65307	27.97378
31.20823	23.95179	23.63467	28.19423	28.79034	23.62034	23.70376	28.03422
31.28277	24.009	23.69115	28.26182	28.85886	23.67668	23.76049	28.10157
31.33128	24.04552	23.72721	28.30557	28.9038	23.71262	23.79675	28.14531
31.39984	24.09768	23.77873	28.3674	28.9668	23.76399	23.84851	28.20702
31.47914	24.15847	23.83874	28.43929	29.03974	23.82386	23.90879	28.27867
31.5322	24.19835	23.87813	28.48708	29.08889	23.8631	23.94839	28.32647
31.61	24.25763	23.93665	28.55729	29.16036	23.92148	24.0072	28.39651
31.68503	24.31511	23.9934	28.62536	29.22941	23.97808	24.06421	28.46437
31.74321	24.35885	24.03659	28.67771	29.2832	24.02113	24.10764	28.51671
31.82414	24.42037	24.09733	28.75066	29.35762	24.08171	24.16867	28.58951
31.91796	24.49231	24.16834	28.83576	29.44401	24.15257	24.24	28.6743
31.99578	24.55111	24.22639	28.9059	29.51601	24.21046	24.29833	28.74432
32.08913	24.62235	24.29672	28.9902	29.60184	24.28063	24.36898	28.82835
32.17542	24.68846	24.36199	29.06855	29.68144	24.34575	24.43454	28.90638
32.24549	24.74163	24.41448	29.13191	29.74625	24.3981	24.4873	28.96957
32.32755	24.80434	24.47639	29.2061	29.82169	24.45986	24.54948	29.0435
32.40104	24.86087	24.5322	29.27301	29.88945	24.51554	24.60555	29.11011
32.45392	24.90071	24.57154	29.32068	29.93842	24.55475	24.64511	29.15773
32.5246	24.95478	24.62492	29.38462	30.00333	24.60799	24.69875	29.22147
32.59703	25.01036	24.6798	29.45041	30.07006	24.66272	24.75387	29.28703
32.65018	25.05038	24.71932	29.49823	30.11914	24.70211	24.79361	29.33486
32.72559	25.10791	24.77612	29.56633	30.18841	24.75877	24.85068	29.40279
32.7947	25.16078	24.82832	29.62907	30.25213	24.81082	24.90313	29.46536
32.83963	25.19435	24.86146	29.66939	30.29364	24.84384	24.93649	29.50575
32.91195	25.24949	24.9159	29.73471	30.36002	24.89813	24.99121	29.57095
32.9721	25.29532	24.96117	29.78919	30.41538	24.94324	25.0367	29.62537
33.02341	25.33364	24.999	29.83517	30.46273	24.98093	25.07477	29.67146
33.10946	25.39931	25.06381	29.91285	30.54169	25.04559	25.1399	29.74901
33.21664	25.48094	25.14439	30.0098	30.64067	25.12598	25.22083	29.84569
33.3217	25.5605	25.22293	30.10449	30.73771	25.20433	25.29974	29.94016
33.43189	25.64493	25.30628	30.20434	30.83906	25.2875	25.38348	30.03956
33.51908	25.71167	25.37217	30.28356	30.91962	25.35322	25.44967	30.11846
33.58444	25.76101	25.42089	30.34246	30.98004	25.40179	25.49864	30.17724
33.67319	25.82928	25.48829	30.42301	31.06157	25.46904	25.56635	30.25743
33.74615	25.88519	25.5435	30.48936	31.129	25.52411	25.62181	30.32351

33.79447	25.92155	25.57941	30.53284	31.17364	25.55989	25.65792	30.36697
33.87592	25.98419	25.64126	30.60679	31.24851	25.62159	25.72004	30.44061
33.94049	26.03356	25.69001	30.66543	31.30814	25.6702	25.76902	30.49906
33.99042	26.07115	25.72713	30.71037	31.35424	25.70719	25.80636	30.544
34.06755	26.13035	25.78558	30.78025	31.42497	25.76549	25.86509	30.61366
34.11555	26.16669	25.82147	30.82373	31.46934	25.80124	25.90118	30.65714
34.16653	26.20499	25.85928	30.86958	31.51639	25.83892	25.93922	30.70303
34.23697	26.25893	25.91254	30.93334	31.58088	25.89201	25.99276	30.76665
34.29144	26.30006	25.95315	30.98259	31.63125	25.93248	26.03361	30.81592
34.34299	26.33852	25.99113	31.0287	31.6787	25.9703	26.07183	30.86215
34.41489	26.39352	26.04543	31.09384	31.74464	26.02444	26.12642	30.92718
34.49257	26.45238	26.10354	31.16403	31.81638	26.08238	26.18483	30.99729
34.56708	26.50844	26.15888	31.23094	31.88503	26.13754	26.24048	31.06421
34.68301	26.59718	26.24648	31.33587	31.99159	26.22494	26.32848	31.1688
34.7549	26.65157	26.30018	31.40088	32.05809	26.27847	26.38247	31.23373
34.82382	26.70354	26.35148	31.46289	32.1216	26.32961	26.43407	31.29569
34.9156	26.77397	26.42102	31.54622	32.206	26.39897	26.50394	31.3787
34.97916	26.82224	26.46869	31.60382	32.26476	26.44648	26.55186	31.43619
35.04367	26.87093	26.51677	31.66188	32.3242	26.49441	26.60021	31.4942
35.12295	26.93196	26.57702	31.73397	32.397	26.55449	26.66074	31.56602
35.19328	26.98515	26.62954	31.79745	32.46206	26.60685	26.71353	31.62943
35.27089	27.04399	26.68763	31.86738	32.53351	26.66478	26.77192	31.69924
35.34295	27.09931	26.74225	31.93282	32.59967	26.71925	26.82681	31.7645
35.41422	27.15337	26.79563	31.99729	32.66558	26.77247	26.88047	31.82885
35.47907	27.20244	26.84408	32.0557	32.72525	26.82077	26.92919	31.88721
35.55368	27.25968	26.9006	32.12344	32.79378	26.87712	26.98598	31.95475
35.61206	27.30369	26.94406	32.17612	32.84779	26.92043	27.02968	32.00743
35.67738	27.3532	26.99294	32.23502	32.90784	26.96915	27.07883	32.06628
35.75942	27.41604	27.05498	32.30944	32.98327	27.03102	27.14118	32.1405
35.84195	27.47838	27.11652	32.38383	33.05958	27.0924	27.20304	32.21481
35.94876	27.55966	27.19676	32.4802	33.15787	27.17244	27.28366	32.31094
36.04414	27.63283	27.269	32.56683	33.24567	27.24449	27.35623	32.39725
36.10873	27.68154	27.3171	32.62519	33.30553	27.29243	27.4046	32.45551
36.1953	27.74753	27.38225	32.7034	33.38514	27.3574	27.47008	32.53347
36.27351	27.80767	27.44164	32.77457	33.45711	27.41663	27.52975	32.60434
36.32893	27.84949	27.48294	32.8247	33.50852	27.45778	27.57127	32.65438
36.40345	27.90629	27.53903	32.89205	33.57702	27.51371	27.62764	32.72154
36.47624	27.96225	27.59428	32.95826	33.64394	27.5688	27.68316	32.78749
36.53257	28.00462	27.63612	33.00904	33.69609	27.61049	27.72523	32.83827
36.59563	28.05252	27.68341	33.06588	33.75389	27.65763	27.77279	32.89505
36.66225	28.10355	27.73381	33.12646	33.81522	27.70786	27.82345	32.9555
36.71002	28.13917	27.76898	33.16944	33.85952	27.74289	27.85885	32.99855
36.77433	28.18799	27.81719	33.22742	33.91843	27.79092	27.90735	33.0565
36.84346	28.24086	27.86938	33.2902	33.982	27.84294	27.95983	33.11918
36.88418	28.27088	27.89904	33.32657	34.0196	27.87243	27.9897	33.15576
36.95976	28.32818	27.95561	33.39459	34.08885	27.92882	28.0466	33.2238
37.0783	28.4186	28.04486	33.50192	34.19814	28.01785	28.13627	33.33087
37.16752	28.48584	28.11125	33.58231	34.28062	28.08403	28.20301	33.41119
37.26088	28.55701	28.18151	33.66674	34.36644	28.15409	28.27365	33.49538

37.34985	28.62518	28.24882	33.74765	34.44845	28.2212	28.34129	33.57597
37.41553	28.67461	28.29763	33.80682	34.5092	28.26983	28.39038	33.63507
37.48818	28.73013	28.35246	33.8726	34.57583	28.3245	28.4455	33.70065
37.5554	28.78151	28.40319	33.93368	34.63782	28.37507	28.49649	33.76154
37.61181	28.82384	28.445	33.98447	34.69001	28.41673	28.53854	33.81231
37.68627	28.8808	28.50124	34.05188	34.75827	28.47279	28.59507	33.87952
37.75061	28.92984	28.54967	34.11026	34.81757	28.52106	28.64375	33.93779
37.79964	28.9664	28.5858	34.15424	34.86282	28.55702	28.68011	33.98186
37.87432	29.02348	28.64218	34.22187	34.93126	28.61322	28.73679	34.04935
37.93382	29.06873	28.68688	34.2759	34.98615	28.65774	28.78175	34.10333
37.98396	29.10604	28.72375	34.32083	35.03239	28.69443	28.81886	34.14839
38.06787	29.17006	28.78698	34.39674	35.10935	28.75746	28.88243	34.22417
38.14027	29.22505	28.84128	34.46233	35.17612	28.81157	28.93703	34.2897
38.21559	29.28159	28.89712	34.53002	35.24563	28.8672	28.99319	34.35743
38.3115	29.35493	28.96953	34.61698	35.33376	28.9394	29.06598	34.44415
38.39373	29.41748	29.03129	34.69159	35.40975	29.00095	29.12807	34.51857
38.4573	29.46526	29.07847	34.74881	35.46838	29.04794	29.17554	34.57576
38.55543	29.54059	29.15286	34.83784	35.55842	29.12212	29.25029	34.66447
38.60748	29.57994	29.19173	34.88507	35.60662	29.16083	29.2894	34.71165
38.66967	29.62668	29.23792	34.94093	35.66385	29.20684	29.33585	34.76751
38.75485	29.69206	29.30249	35.01828	35.74204	29.27122	29.40075	34.84461
38.81114	29.73464	29.34457	35.06931	35.79414	29.31313	29.44306	34.89561
38.87715	29.78426	29.39359	35.12864	35.85494	29.36196	29.49237	34.95493
38.95302	29.84253	29.45115	35.19756	35.92445	29.41932	29.55023	35.02369
39.03466	29.90442	29.51227	35.27148	35.99998	29.48024	29.61166	35.0975
39.12598	29.97355	29.58052	35.35388	36.08422	29.54828	29.68027	35.17975
39.21046	30.03835	29.64452	35.43064	36.16182	29.61207	29.7446	35.25625
39.27804	30.08962	29.69515	35.49197	36.22441	29.66252	29.79552	35.31744
39.3502	30.14431	29.74918	35.55709	36.2908	29.71636	29.84986	35.38243
39.4316	30.20682	29.81092	35.63103	36.36551	29.7779	29.91191	35.45614
39.48755	30.24896	29.85257	35.68157	36.41727	29.81937	29.95379	35.50668
39.54682	30.29364	29.89672	35.73493	36.47179	29.86335	29.99821	35.56006
39.62177	30.3512	29.95359	35.80311	36.54058	29.92003	30.05538	35.62806
39.66968	30.387	29.98899	35.84632	36.58498	29.95525	30.091	35.67136
39.73117	30.43335	30.03478	35.90163	36.64141	30.00085	30.13708	35.72672
39.80257	30.48799	30.08877	35.96651	36.70697	30.05463	30.19135	35.79152
39.8925	30.55589	30.15582	36.04773	36.79019	30.12146	30.25875	35.87267
39.99888	30.63677	30.23566	36.14389	36.88819	30.20107	30.33902	35.96862
40.10556	30.71869	30.31654	36.24089	36.98631	30.28171	30.42031	36.06524
40.16871	30.76623	30.3635	36.29796	37.0448	30.32846	30.46754	36.12225
40.24087	30.82092	30.41752	36.36301	37.11106	30.38229	30.52188	36.18721
40.31774	30.87997	30.47585	36.433	37.18175	30.44043	30.58051	36.25697
40.36666	30.9166	30.51206	36.47715	37.22713	30.47647	30.61693	36.30115
40.45348	30.98269	30.57734	36.55563	37.30697	30.54155	30.68256	36.37945
40.50809	31.02464	30.6188	36.60545	37.3571	30.58284	30.72427	36.42918
40.56354	31.06625	30.65992	36.65545	37.40839	30.62377	30.76564	36.47923
40.62745	31.11463	30.70774	36.71304	37.46696	30.6714	30.81374	36.53684
40.68858	31.16141	30.75397	36.76872	37.52316	30.71744	30.86024	36.59246
40.73674	31.19715	30.78931	36.81206	37.56787	30.75258	30.89582	36.63595

40.80079	31.24569	30.83728	36.86984	37.62648	30.80033	30.9441	36.69376
40.8548	31.28692	30.87804	36.91905	37.67612	30.8409	30.98513	36.74301
40.8914	31.3137	30.90451	36.95177	37.71	30.86719	31.01184	36.77602
40.99646	31.3935	30.98333	37.04649	37.80645	30.94575	31.09109	36.87073
41.13036	31.49572	31.08423	37.16795	37.92994	31.04636	31.19249	36.99187
41.23595	31.57546	31.16294	37.26325	38.02754	31.12481	31.27162	37.08702
41.33873	31.65382	31.2403	37.35632	38.12209	31.20193	31.34941	37.1798
41.42032	31.7163	31.30201	37.43061	38.1973	31.26341	31.41144	37.2538
41.49569	31.77325	31.35827	37.49866	38.26697	31.31947	31.468	37.32172
41.57495	31.83402	31.41831	37.57066	38.33978	31.37932	31.52835	37.39343
41.63611	31.88096	31.46469	37.62656	38.39632	31.42552	31.57498	37.44911
41.69258	31.9236	31.50684	37.67757	38.44847	31.46749	31.61738	37.50006
41.7652	31.97919	31.56176	37.7434	38.51514	31.52223	31.6726	37.56576
41.81129	32.01439	31.59656	37.78542	38.55769	31.55687	31.70761	37.60777
41.86258	32.0528	31.63451	37.83155	38.6051	31.59465	31.74582	37.65403
41.92889	32.10358	31.6847	37.89166	38.66579	31.64464	31.79631	37.71413
41.98486	32.14608	31.72669	37.94246	38.71744	31.68645	31.83858	37.76502
42.02125	32.17284	31.75316	37.97496	38.75102	31.71275	31.8653	37.79783
42.0726	32.21194	31.79181	38.02147	38.79795	31.7512	31.90423	37.84449
42.12614	32.25234	31.83173	38.06989	38.84726	31.79092	31.94444	37.89312
42.16658	32.28196	31.86101	38.10586	38.88451	31.82001	31.974	37.92951
42.2224	32.32433	31.90287	38.15639	38.93558	31.86167	32.01619	37.98025
42.26625	32.35708	31.93525	38.19602	38.97605	31.89384	32.04884	38.02016
42.33257	32.40639	31.98395	38.25526	39.03704	31.94231	32.09791	38.07977
42.45731	32.50156	32.07788	38.3683	39.15177	32.03595	32.19236	38.19263
42.53434	32.55976	32.13533	38.4381	39.2229	32.09315	32.25018	38.26243
42.61465	32.62005	32.19487	38.51033	39.29689	32.15244	32.3101	38.33469
42.70649	32.69041	32.26436	38.59386	39.38131	32.22168	32.37999	38.41799
42.75659	32.72815	32.30165	38.63926	39.42763	32.25877	32.41753	38.46343
42.82059	32.7763	32.34922	38.6968	39.48648	32.30614	32.4654	38.52103
42.90364	32.83998	32.41213	38.77224	39.56273	32.36884	32.52866	38.59632
42.96415	32.88557	32.45716	38.8269	39.61872	32.41369	32.57397	38.65106
43.01305	32.9224	32.49356	38.8709	39.66354	32.44991	32.61063	38.69519
43.08774	32.97955	32.55001	38.93871	39.73218	32.50615	32.66739	38.76294
43.13337	33.01357	32.58363	38.97981	39.77446	32.5396	32.70126	38.80423