

Issues/Concerns

1. Safety concern regarding bad texture data
 2. Procedures may produce distorted + inaccurate results
 3. Sample preparation, training, software also may have led to texture analysis problems
 4. Reporting bad data to clients prior to correction of procedures
 5. Texture analysis could inadvertently be used to report bad data
 - 2a. wrong peak (2θ)
 - 2b. non-flat specimen
 - 2c. equipment calibration/alignment
 - 2d. 90° -rotation problem
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Questions to experts

1. Can results from texture analysis be used to qualify substandard material?
 - a. (including partial pole figures, 4 vs. 3 orthogonal specimens)
2. What effect does obtaining data from shoulder of a 2θ peak have on a direct pole figure?
3. What would be an acceptable variation in peak intensity (at 2θ) and location of basal plane maxima from one sample to another?

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