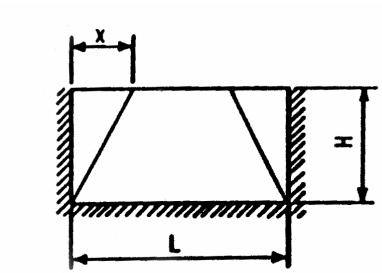
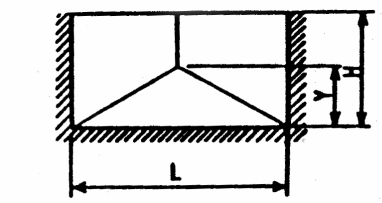
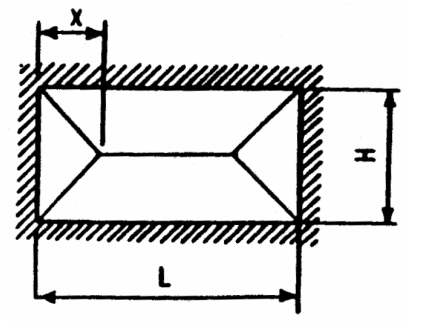
ULTIMATE SHEAR STRESS AT DISTANCE D_E FROM THE SUPPORTS FOR TWO-WAY ELEMENTS

I. THREE EDGES FIXED AND ONE EDGE FREE	LIMITS	ULTIMATE HORIZONTAL SHEAR STRESS ($V\mu$)H	LIMITS	ULTIMATE VERTICAL SHEAR STRESS($V\mu$)r
	$\frac{1}{2}$	$\frac{3r_\mu\left(1-\frac{d_e}{x}\right)^2}{\frac{d_e}{x}\left(5-\frac{4d_e}{x}\right)}$	$0 \le d_e/H \le \frac{1}{2}$	$\frac{3r_\mu\left(1-\frac{d_e}{H}\right)\left(1-\frac{x}{L}-d_e\frac{x}{HL}\right)}{\frac{d_e}{H\left(3-\frac{x}{L}-4d_e\frac{x}{HL}\right)}}$
	1	$\frac{r_\mu\left(1-\frac{d_e}{x}\right)}{2\left(\frac{d_e}{x}\right)}$	$\frac{1}{2} \le d_e/H \le 1$	$\frac{r_\mu\left(1-\frac{d_e}{H}\right)\left(1-\frac{x}{L}-d_e\frac{x}{HL}\right)}{\frac{d_e}{H\left(1-2d_e\frac{x}{HL}\right)}}$
	$\frac{1}{4}$	$\frac{3r_\mu\left(1-\frac{2d_e}{L}\right)\left(2-\frac{y}{H}-2d_e\frac{y}{LH}\right)}{\frac{2d_e}{L\left(6-\frac{y}{H}-8d_e\frac{y}{LH}\right)}}$	$0 \le d_e/y \le 1$	$\frac{3r_\mu\left(1-\frac{d_e}{y}\right)^2}{\frac{d_e}{y\left(5-4\frac{d_e}{y}\right)}}$
	$\frac{1}{2}$	$\frac{r_\mu\left(1-\frac{2d_e}{L}\right)\left(2-\frac{y}{H}-2d_e\frac{y}{LH}\right)}{\frac{4d_e}{L\left(1-2d_e\frac{y}{LH}\right)}}$	$\frac{1}{2} \le d_e/y \le 1$	$\frac{r_\mu\left(1-\frac{d_e}{y}\right)}{\frac{2d_e}{y}}$

II. FOUR EDGES FIXED	NOTE: L MAY EITHER BE LONGER OR SHORTER THAN H		
	$\frac{3r_\mu\left(1-\frac{d_e}{x}\right)^2}{d_e x\left(5-4\frac{d_e}{x}\right)}$	$0 \le d_e/H \le \frac{1}{4}$	$\frac{3r_\mu\left(\frac{1}{2}-\frac{d_e}{H}\right)\left(1-\frac{x}{L}-2d_e\frac{x}{HL}\right)}{\frac{d_e}{H\left(3-\frac{x}{L}-8d_e\frac{x}{HL}\right)}}$
	$\frac{r_\mu\left(1-\frac{d_e}{x}\right)}{2\left(\frac{d_e}{x}\right)}$	$\frac{1}{4} \le d_e/H \le \frac{1}{2}$	$\frac{r_\mu\left(\frac{1}{2}-\frac{d_e}{H}\right)\left(1-\frac{x}{L}-2d_e\frac{x}{HL}\right)}{\frac{d_e}{H\left(1-4d_e\frac{x}{HL}\right)}}$

r_μ = ULTIMATE PRESSURE LOAD ON ELEMENT d_e = EFFECTIVE DEPTH OF ELEMENT
NOTE: EXPRESSIONS IN THIS TABLE ARE TAKEN FROM REF. 2