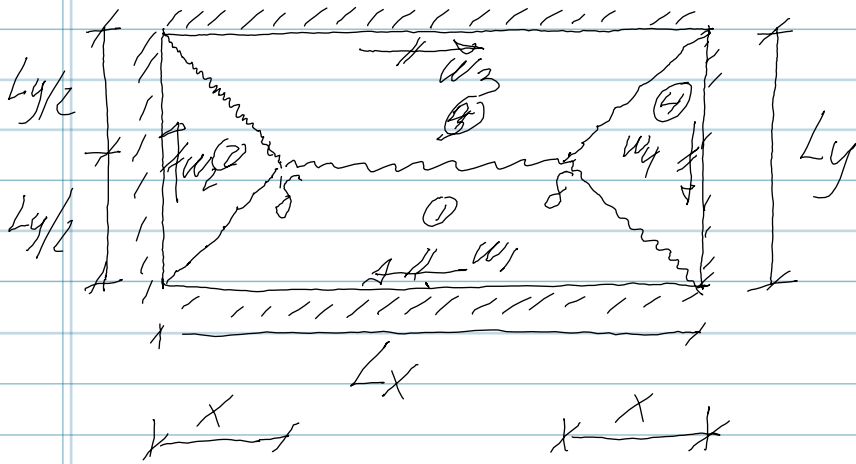


DTU. Betonkonstruktioner



M_u overalt
 $M_{ux} = M_{uy} = M_{ux}^1 = M_{uy}^1 = M_u$
 p jævnt fordelt

$$w_1 = \frac{\delta}{L_y/2} = \frac{2\delta}{L_y} = w_3$$

$$w_2 = \delta/x = w_4$$

$$A_i^{(1)} = M_u \cdot L_x \cdot w_1 = A_i^{(3)}$$

$$A_i^{(2)} = M_u \cdot L_y \cdot w_2 = A_i^{(4)}$$

$$A_i = A_i^{(1)} + A_i^{(2)} + A_i^{(3)} + A_i^{(4)} = \left(M_u \cdot L_x \cdot \frac{2\delta}{L_y} + M_u \cdot L_y \cdot \frac{\delta}{x} \right) \cdot 2$$

$$= M_u \cdot \delta \left(\frac{4L_x}{L_y} + \frac{2L_y}{x} \right)$$