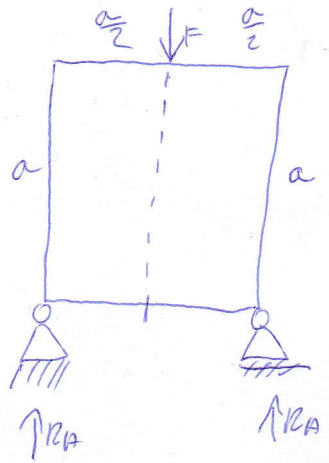
PK 8



$k_k = 1{,}8$

$a = ?$

$a = 600$

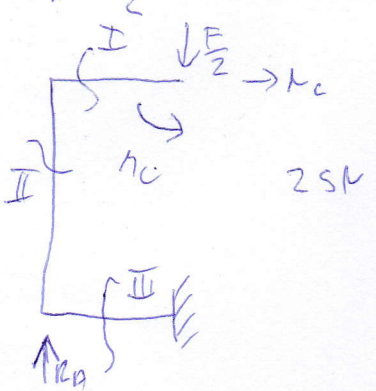
$F = 500$

11 370

$A_e = 2+1-3 = 0$ S.M.

$A_i = 3$ S.M.

$R_A = \frac{F}{2}$



$\varphi_C = 0 = \frac{dU}{dM_C}$

$w_C = 0 = \frac{dU}{dN_C}$

$x \in \langle 0, a/2 \rangle$

I $M_{O1} = -\frac{F}{2} \cdot x + M_C$

$x \in \langle 0, a \rangle$

II $M_{O2} = \frac{F}{2} \cdot \frac{a}{2} + M_C - N_C \cdot x$

$x \in \langle 0, \frac{a}{2} \rangle$

III $M_{O3} = -\frac{F}{2} \cdot \left(\frac{a}{2} - x\right) + M_C - N_C \cdot a - R_A \cdot x$