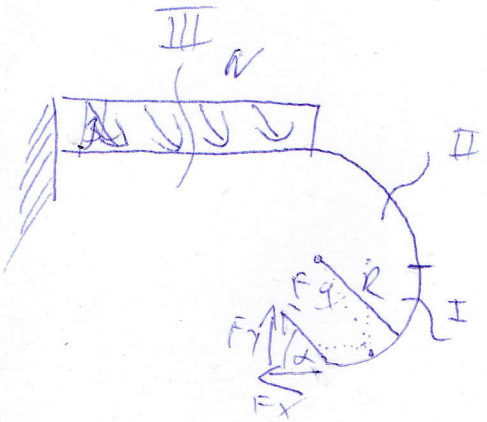
Pk 5 $kk = ?$ $q = \frac{2\kappa}{mm}$ $\beta = 45°$ $\alpha = 60°$

$F = 800\kappa$ $R = 500mm$

$D = 40mm$ $d = 32mm$

11370 $Rc = \frac{2}{3} \cdot 370 = 250$



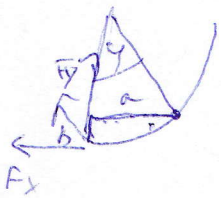
$q_y = q \cdot \cos\beta$

$q_x = q \cdot \sin\beta$

$F_x = F \cdot \sin\alpha$

$F_y = F \cdot \cos\alpha$

I $\varphi \in (0, \frac{\pi}{2})$



$M_{o1} = -F_x \cdot b - F_y \cdot a$

$b = R - R \cdot \cos\varphi$

$a = R \cdot \sin\varphi$

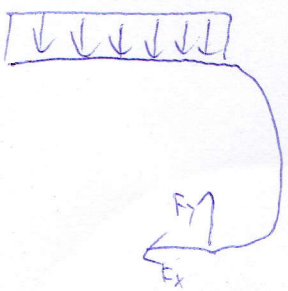
II $\varphi \in (0, \frac{\pi}{2})$

$M_{o2} = -F_y \cdot$ ~~$R \cos\varphi$~~ $- F_x \cdot a$

$c = R \cdot \cos\varphi$

$a = R + \sin\varphi \cdot$ ~~R~~

III $x \in (0, 2R)$



$M_{o3} = -F_x \cdot 2R + F_y \cdot x - q_y \cdot \frac{x^2}{2}$

$N_3 = q_y \cdot$ ~~x~~