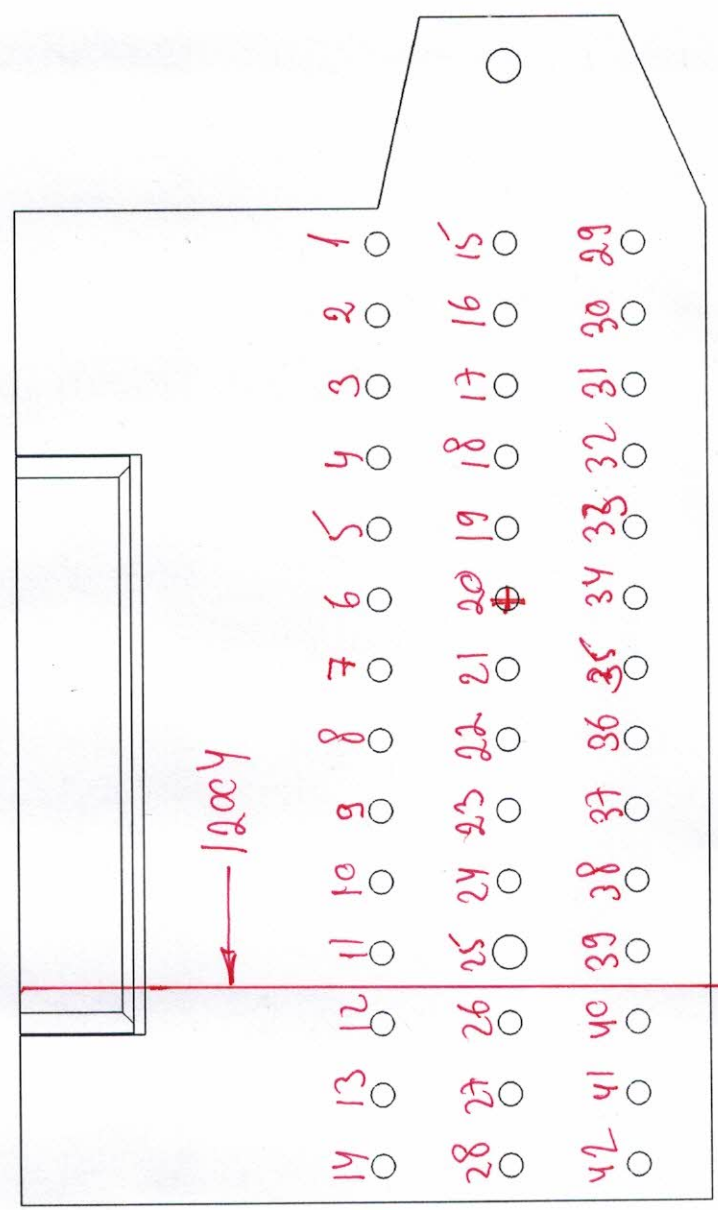
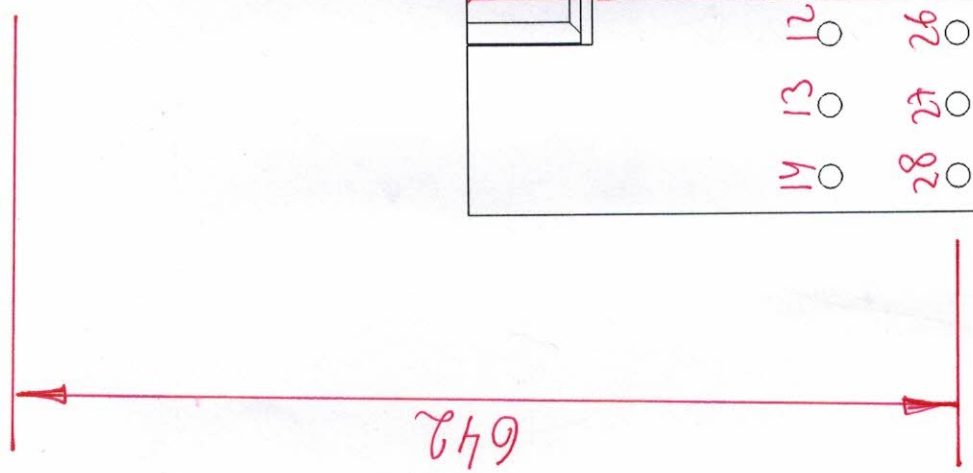


49.1 ton - 12001 - 22015
 39.1 ton - 12004 - 22015

20-20015 - 22015 (G.O) 12015

F



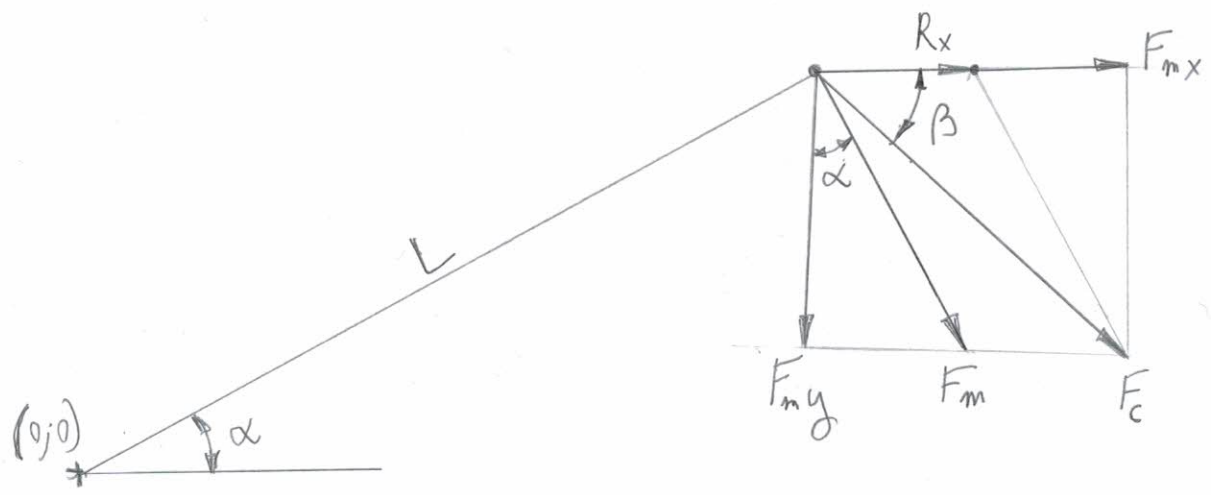
12004

12004

642

13/11

S = 1 N3/PJ



$$F_c \cos \beta - F_c \sin \beta \times \tan \alpha - R_x = 0$$

$$F_{my} = F_c \sin \beta$$

$$F_m = F_{my} / \cos \alpha$$

5-1-1317

$$F_c = \text{Clamping Force} \times M_F$$

x 100%

$$F_c \cos \beta = R_x + F_{mx}$$

$$(1) \Rightarrow F_{mx} = F_c \cos \beta - R_x$$

y 100%

$$(2) \quad F_{my} = F_c \cdot \sin \beta = F_m \cos \alpha$$

$$(3) \quad \frac{F_{mx}}{F_{my}} = \tan \alpha \Rightarrow F_{mx} = F_{my} \cdot \tan \alpha$$

(4) (2) - N
 $\Rightarrow F_{mx} = F_c \cdot \sin \beta \cdot \tan \alpha$

(D-N
 $\Rightarrow F_c \cos \beta - R_x = F_c \sin \beta \cdot \tan \alpha$

$$\Rightarrow F_c \cos \beta - F_c \sin \beta \cdot \tan \alpha = R_x \quad || \cdot (-1) \quad F_c \cos \beta - F_c \sin \beta \tan \alpha - R_x = 0$$

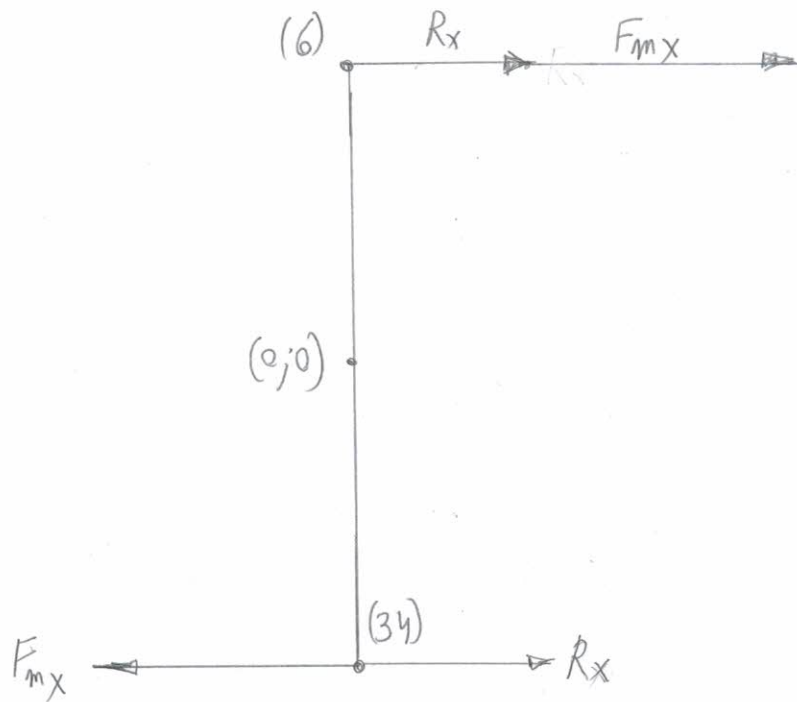
ment β so $\sin \beta$ kon
 F_m so $\sin \beta$

(2) F_{mx} & F_{my} so $\tan \alpha$

$$\Rightarrow F_m \cdot \tan \alpha = \left(= \frac{F_{my}}{\cos \alpha} \right)$$

$$F_{my} = F_c \cdot \sin \beta$$

$$F_m = \frac{F_{my}}{\cos \alpha}$$



$$R_x + F_{mx} = F_c$$

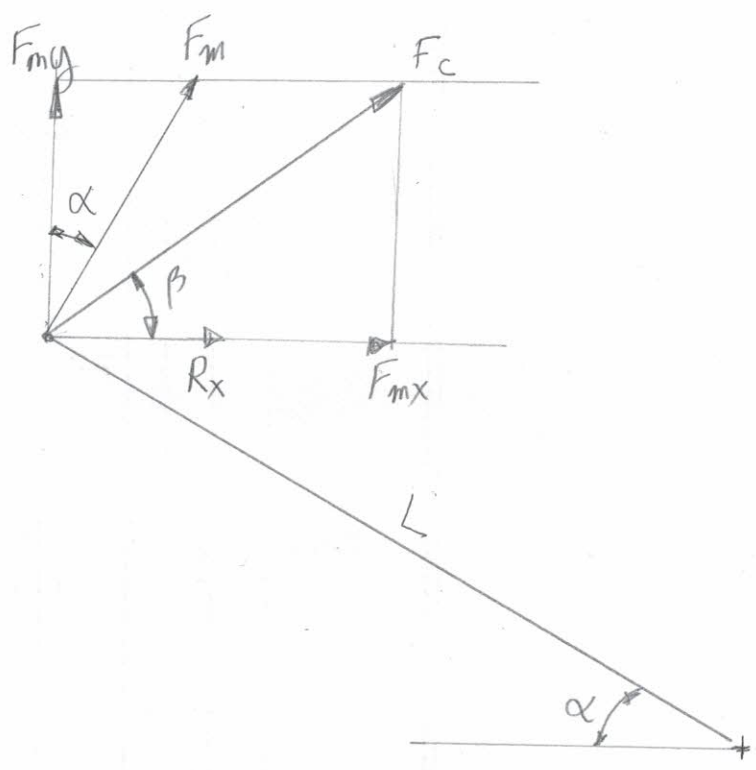
: 6 (13/1/1)

$$F_{mx} = F_c - R_x$$

$$R_x + F_{mx} = F_c$$

: 34 (13/1/1)

$$F_{mx} = F_c - R_x$$



$$F_c \cos \beta - F_c \sin \beta \cdot \tan \alpha - R_x = 0$$
$$F_{my} = F_c \sin \beta$$
$$F_m = F_{my} / \cos \alpha$$

14-7 11/11/17

x |||

$$F_c \cos \beta = R_x + F_{mx}$$

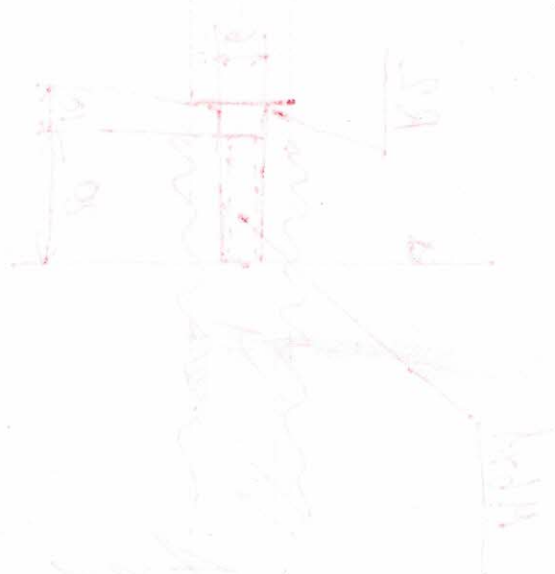
$$\Rightarrow F_{mx} = F_c \cos \beta - R_x$$

y |||

$$(2) F_{my} = F_c \sin \beta = F_m \cos \alpha$$

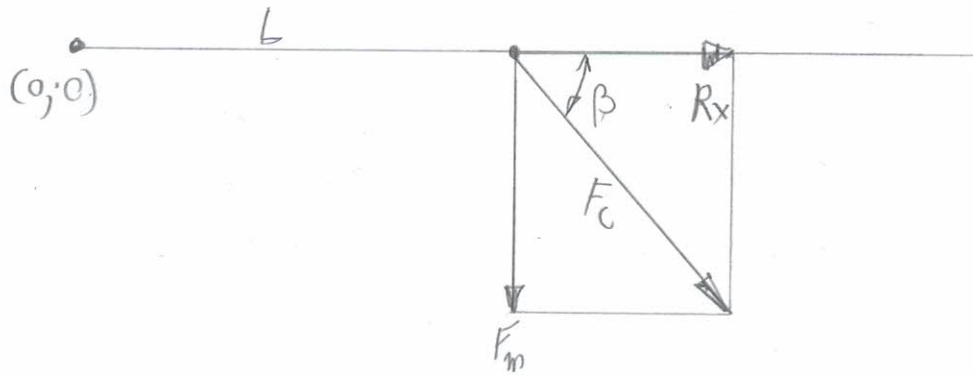
$$(3) \frac{F_{mx}}{F_{my}} = \tan \alpha \Rightarrow F_{mx} = F_{my} \tan \alpha$$

6-1 11/11/17 11/11/17

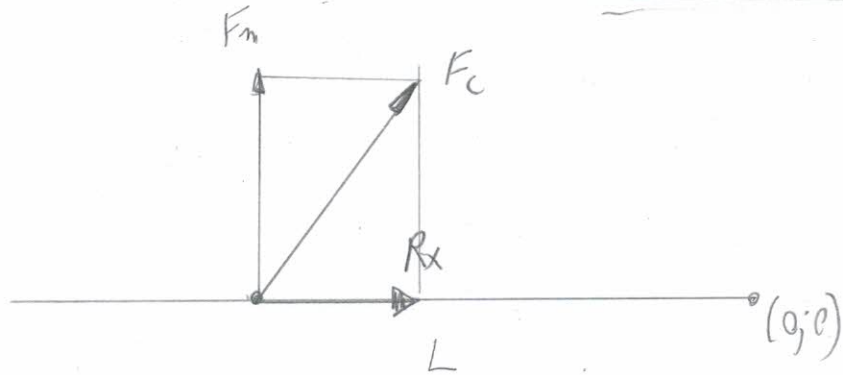


28-19-15 תאריך

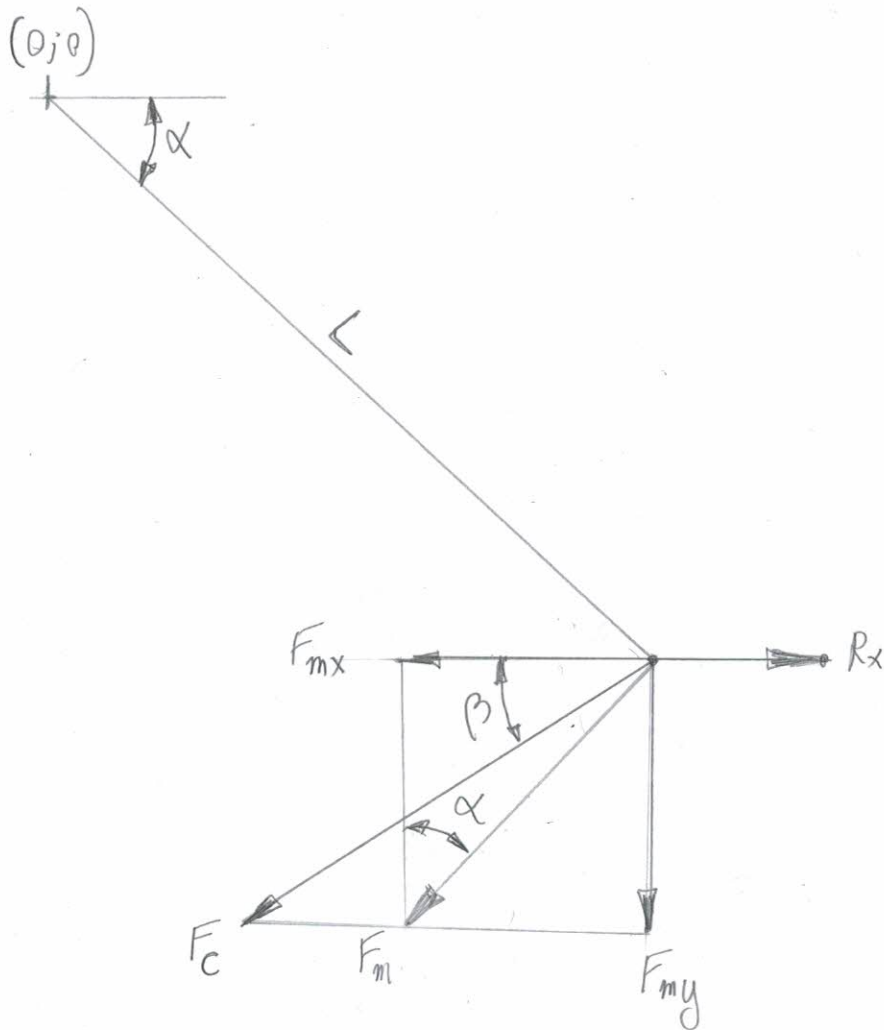
$$F_c \cos \beta = R_x$$
$$\cos \beta = \frac{R_x}{F_c} \Rightarrow \beta = 79.6$$
$$\Rightarrow F_c \sin \beta = F_m = 6.373$$



28-21 תאריך



28-19 תאריך



$$F_c \sin \beta \times \tan \alpha - F_c \cos \beta - R_x = 0$$

$$F_{my} = F_c \sin \beta$$

$$F_m = F_{my} / \cos \alpha$$

$$F_c = \text{Clamp Force} \times \mu_F$$

33-29 N(3/11)

x axis

$$F_c \cos \beta = F_{mx} - R_x$$

$$\Rightarrow F_{mx} = F_c \cos \beta + R_x$$

y axis

$$(2) F_{my} = F_c \sin \beta = F_{my} = F_m \cos \alpha$$

$$(3) \frac{F_{mx}}{F_{my}} = \tan \alpha \Rightarrow (4) F_{mx} = F_{my} \cdot \tan \alpha$$

(4) + (2) - N

$$\Rightarrow F_{mx} = F_c \sin \beta \cdot \tan \alpha$$

(1) - N

$$\Rightarrow F_c \cos \beta + R_x = F_c \sin \beta \cdot \tan \alpha$$

$$\Rightarrow R_x = F_c \sin \beta \cdot \tan \alpha - F_c \cos \beta$$

(N) is not (N) p is (N)

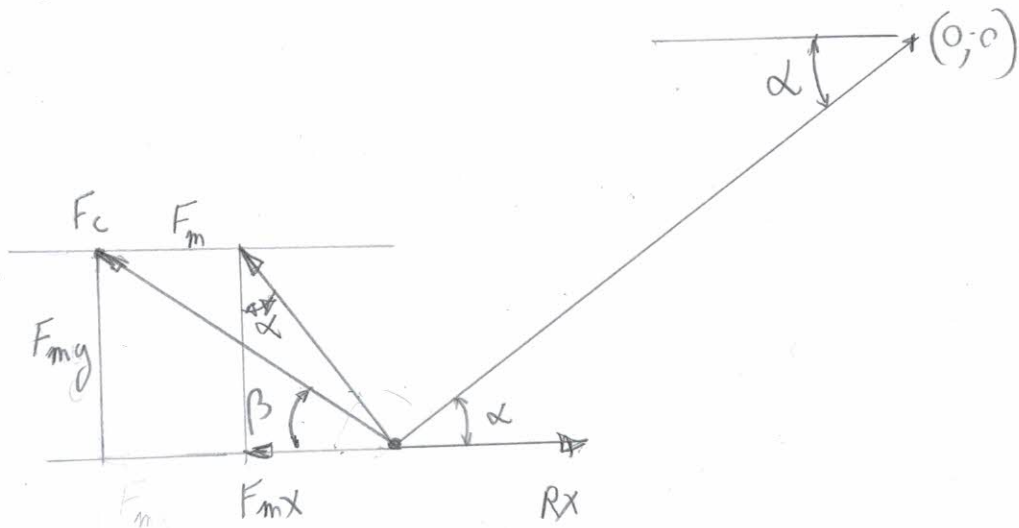
(2) is of F_{my} is

$$\Rightarrow F_m = \frac{F_{my}}{\cos \alpha}$$

$$F_m \sin \beta \cdot \tan \alpha - F_c \cos \beta - R_x = 0$$

$$F_{my} = F_c \cdot \sin \beta$$

$$F_m = \frac{F_{my}}{\cos \alpha}$$



$$F_c \sin \beta \times \tan \alpha - F_c \cos \beta - R_x = 0$$

$$F_{my} = F_c \sin \beta$$

$$F_m = F_{my} / \cos \alpha$$

x מוסד

$$F_c \cos \beta = F_{mx} - R_x$$

$$\Rightarrow \boxed{F_{mx} = F_c \cos \beta + R_x}$$

y מוסד

$$\boxed{F_{my} = F_c \sin \beta = F_m \cos \alpha}$$

$$\boxed{\frac{F_{mx}}{F_{my}} = \tan \alpha \Rightarrow F_{mx} = F_{my} \cdot \tan \alpha}$$

33-29 13/17 13/17