

Daru:

$q, F, \alpha, a$

Zudari:

$R_u$

Pieshi dardny ulkod sil.

$$\sum F_{ix} = 0$$

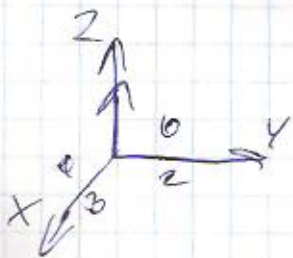
$$Q + R_{Ax} - F \cdot \cos \alpha = 0$$

$$\sum F_{iy} = 0$$

$$R_{Ay} + R_B - F \cdot \sin \alpha = 0$$

$$\sum M_{iA} = 0$$

$$-Q \cdot 1\frac{1}{2}a + R_B \cdot 2a + F \cdot \cos \alpha \cdot 3a - F \cdot \sin \alpha \cdot 2a = 0$$



$$C = \underline{a} \times \underline{b}$$
$$C = \begin{vmatrix} \underline{i} & \underline{j} & \underline{k} \\ 3 & 0 & 0 \\ 0 & 2 & 0 \end{vmatrix} = 0 + 6\underline{k} + 0 - 0 - 0 - 0 = 6\underline{k}$$
$$C = [0, 0, 6]$$