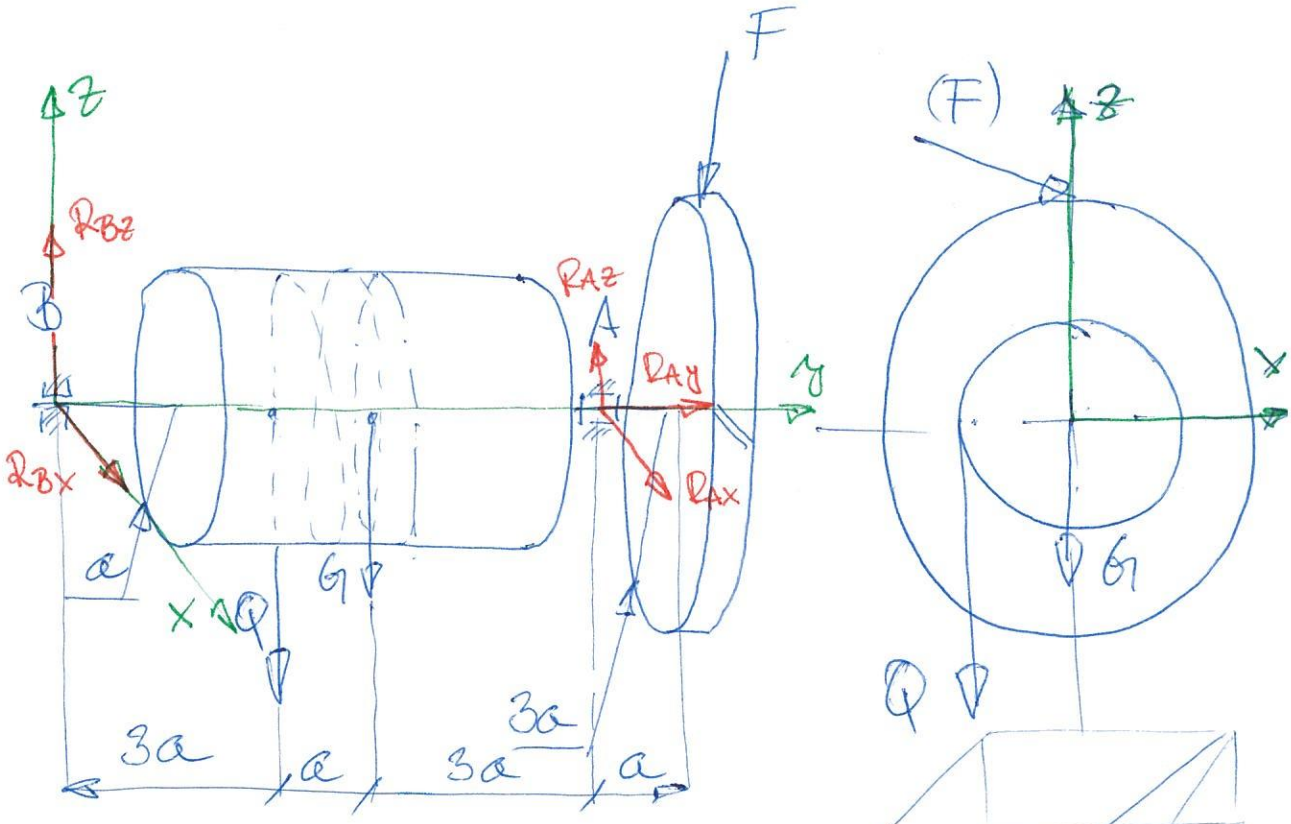

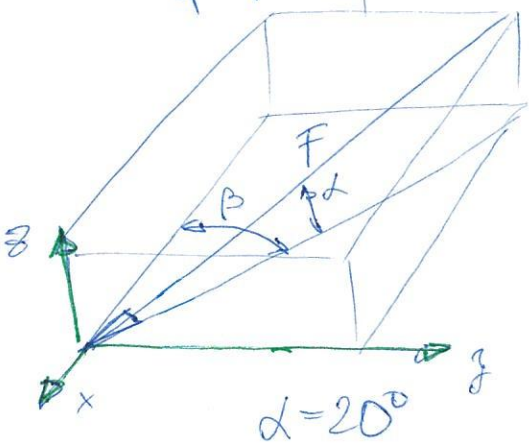

$\alpha = 20°$

$\beta = 15°$

$\underline{x}$: $R_{BX} + R_{AX} + F\cos\alpha\cos\beta = 0$

$\underline{y}$: $R_{AY} - F\cos\alpha \cdot \sin\beta = 0$

$\underline{z}$: $R_{BZ} + R_{AZ} - G - Q - F \cdot \sin\alpha = 0$

$\underline{Mx}$: $R_{AZ}(7a) + F\cos\sin\beta \cdot 3a - F\sin\alpha \cdot 8a - G4a - Q3a = 0$

$\underline{My}$: $F\cos\alpha\cos\beta \cdot 3a - Q \cdot a = 0$

$\underline{Mz}$: $-R_{AX} \cdot 7a - F\cos\alpha\cos\beta \cdot 8a = 0$