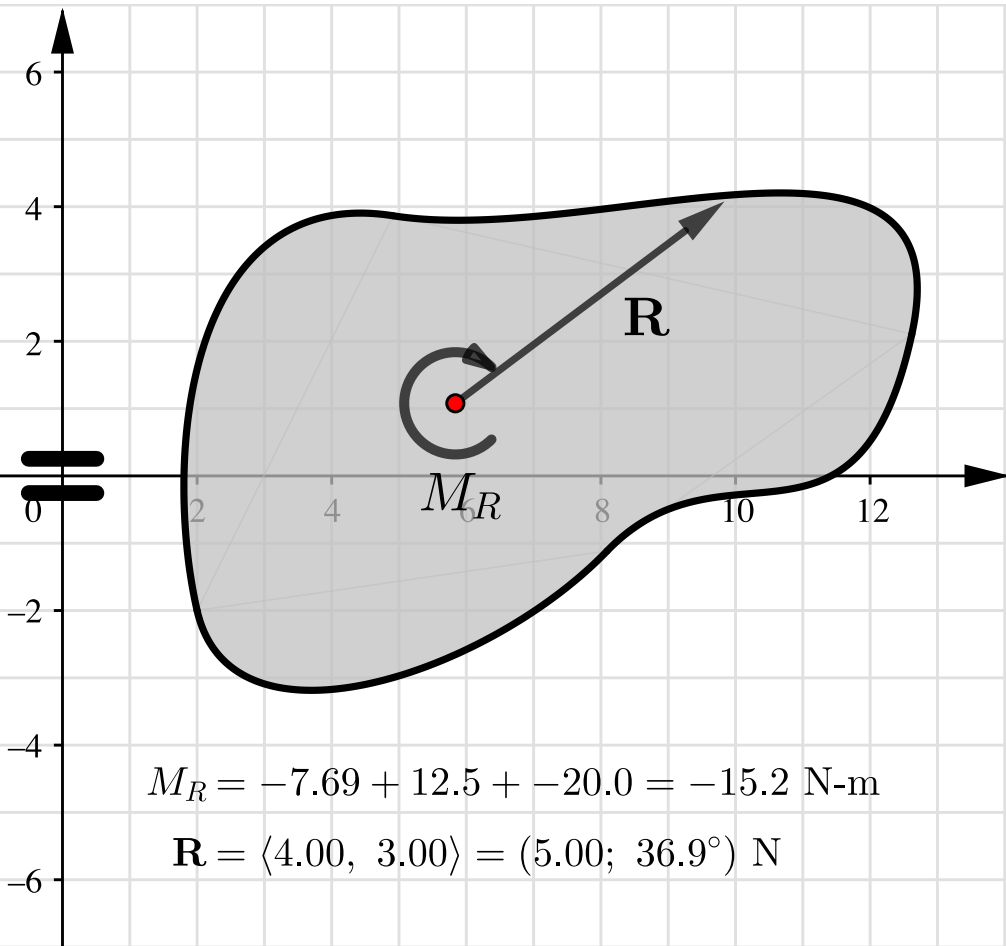


$$M_C = -20.0 \text{ N}\cdot\text{m}$$

$$\mathbf{A} = \begin{pmatrix} 4.00 \\ 0.00 \end{pmatrix} \text{ N} \quad \mathbf{B} = \begin{pmatrix} 0.00 \\ 3.00 \end{pmatrix} \text{ N}$$



$$M_R = -7.69 + 12.5 + -20.0 = -15.2 \text{ N}\cdot\text{m}$$

$$\mathbf{R} = \langle 4.00, 3.00 \rangle = (5.00; 36.9^\circ) \text{ N}$$