Chapter 3, Statics of a Rigid Body

Remarks: See §3.1.2 and §3.1.3, page 55 till 57

## Answers:

$$R_x = +5 \text{ kN}$$
;  $R_y = -25 \text{ kN}$ 

$$R = 5\sqrt{26} \text{ kN} = 25,5 \text{ kN}$$

 $\alpha = 281,3^{\circ}$  ( $\alpha$  is the angle that R makes with the positive x-axle)

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