

[Remarks:](#) See § 2.2, page 33 till 34

[Answers:](#)

$$R_x = +60 \text{ kN} ; R_y = +90 \text{ kN} ; R_z = -40 \text{ kN}$$

$$R = 115,3 \text{ kN}$$

$$\alpha_x = 58,6^\circ ; \alpha_y = 38,7^\circ ; \alpha_z = 110,3^\circ$$