



W I W I

$$3,162 \cdot \sin(7,585) = 2,99 \text{ kN}$$

$$3,162 \cdot \cos(\alpha) = 0,99$$

$$\oplus \rightarrow \sum F_{ix} = 0:$$

$$R_{ax} - 0,99 = 0$$

$$\underline{R_{ax} = 0,99}$$

$$\oplus \uparrow \sum F_{iz} = 0:$$

$$R_{az} + R_{bz} - 2,99 - 12 - 3 = 0$$

$$\underline{R_{az} + R_{bz} = 14,99}$$

$$\oplus \curvearrow \sum M_{ia} = 0:$$

$$-5 R_{bz} = -45,04$$

$$\underline{R_{bz} = 9,008}$$

$$R_{az} = 14,99 - 9,00802$$

$$\underline{R_{az} = 8,888}$$

Kontrola. ✓

$$\oplus \curvearrow \sum M_{ib} = 0$$

$$-2,99 \cdot 6 + 8,888 \cdot 5 - 12 \cdot 2 - 3 + 2 = 0$$