

## **Lösungen**

Winkel 1

$$\alpha_1 = 38^\circ \quad \beta_1 = 101^\circ \quad \gamma_1 = 202^\circ \quad \delta_1 = 337^\circ$$

$$\alpha_2 = 64^\circ \quad \beta_2 = 144^\circ \quad \gamma_2 = 265^\circ \quad \delta_2 = 290^\circ$$

Winkel 2

$$\alpha_3 = 80^\circ \quad \beta_3 = 162^\circ \quad \gamma_3 = 219^\circ \quad \delta_3 = 348^\circ$$

$$\alpha_4 = 18^\circ \quad \beta_4 = 120^\circ \quad \gamma_4 = 249^\circ \quad \delta_4 = 305^\circ$$

Winkel 3

$$\alpha_1 = 54^\circ \quad \beta_1 = 99^\circ \quad \gamma_1 = 252^\circ \quad \delta_1 = 320^\circ$$

$$\alpha_2 = 27^\circ \quad \beta_2 = 151^\circ \quad \gamma_2 = 210^\circ \quad \delta_2 = 277^\circ$$