

Ermittle rechnerisch die Lösungsmenge folgender Gleichungen:

- a) $\sin(\alpha + 13^\circ) = -0,4$ $\mathbb{G} = [0^\circ; 360^\circ]$
- b) $\cos(\alpha - 8^\circ) = 0,65$ $\mathbb{G} = [0^\circ; 360^\circ]$
- c) $\tan(\alpha + 16^\circ) = -2$ $\mathbb{G} = [0^\circ; 180^\circ]$
- d) $2 \cdot \sin\beta - \cos\beta = 3 \cdot \cos\beta$ $\mathbb{G} = [0^\circ; 360^\circ]$
- e) $\cos(\delta + 50^\circ) = 0,4 \cdot \cos\delta$ $\mathbb{G} = [0^\circ; 180^\circ]$
- f) $\sin\alpha = 0,75 \cdot \cos\alpha$ $\mathbb{G} = [0^\circ; 360^\circ]$
- g) $3 \cdot \sin\gamma - 4 \cdot \cos\gamma = 0$ $\mathbb{G} = [0^\circ; 180^\circ]$
- h) $0,4 \cdot \cos\varepsilon = \sin(\varepsilon + 50^\circ)$ $\mathbb{G} = [0^\circ; 180^\circ]$
- i) $\cos(\varphi - 50^\circ) = 1,2 \cdot \sin\varphi$ $\mathbb{G} = [0^\circ; 360^\circ]$

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