

**Zadatak 2.** Izračunaj  $\cos 2\alpha$  ako je  $\sin \alpha = -0.6$ ,  $\alpha \in \langle \frac{3\pi}{2}, 2\pi \rangle$ .

**Rješenje.**  $\alpha \in \langle \frac{3\pi}{2}, 2\pi \rangle$ ,  $\cos \alpha > 0$

$$\cos \alpha = \sqrt{1 - \sin^2 \alpha} = \sqrt{1 - 0.36} = 0.8$$

$$\cos 2\alpha = \cos^2 \alpha - \sin^2 \alpha = 0.64 - 0.36 = 0.28.$$