

**Zadatak 4.** Odredi arkus kosinus iz zadane vrijednosti kosinusa. Rezultate zapiši u radijanima.

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|-------------------------------|------------------------------|
| 1) $\cos \alpha = 0.23974$ ;  | 2) $\cos \alpha = 0.55245$ ; |
| 3) $\cos \alpha = 0.03355$ ;  | 4) $\cos \alpha = 0.89547$ ; |
| 5) $\cos \alpha = -0.25252$ ; | 6) $\cos \alpha = -0.987$ .  |

**Rješenje.**

- 1)  $\alpha_1 = 1.328$ ,  $\alpha_2 = 2\pi - \alpha_1 = 4.95197$ ;
- 2)  $\alpha_1 = 0.984996$ ,  $\alpha_2 = 2\pi - \alpha_1 = 5.295$ ;
- 3)  $\alpha_1 = 1.53646$ ,  $\alpha_2 = 2\pi - \alpha_1 = 4.74354$ ;
- 4)  $\alpha_1 = 0.46108$ ,  $\alpha_2 = 2\pi - \alpha_1 = 5.8189$ ;
- 5)  $\cos \alpha' = 0.25252$ ,  $\alpha' = 1.3148$ ,  $\alpha_1 = \pi - \alpha' = 1.82515$ ,  $\alpha_2 = \pi + \alpha' = 4.4548$ ;
- 6)  $\cos \alpha' = 0.987$ ,  $\alpha' = 0.16133$ ,  $\alpha_1 = \pi - \alpha' = 2.9386$ ,  $\alpha_2 = \pi + \alpha' = 3.3413$ .