

**Zadatak 2.** Odredi arkus sinus iz zadane vrijednosti sinusa. Rezultate zapiši u radijanima.

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|-------------------------------|------------------------------|
| 1) $\sin \alpha = 0.19118$ ;  | 2) $\sin \alpha = 0.87451$ ; |
| 3) $\sin \alpha = 0.55$ ;     | 4) $\sin \alpha = 0.33126$ ; |
| 5) $\sin \alpha = -0.45245$ ; | 6) $\sin \alpha = -0.9987$ . |

**Rješenje.** Zadatak rješimo pomoću džepnog računala.

- 1)  $\alpha_1 = 0.19236$ ,  $\alpha_2 = \pi - \alpha_1 = 2.94923$
- 2)  $\alpha_1 = 1.0638$ ,  $\alpha_2 = \pi - \alpha_1 = 2.0761$
- 3)  $\alpha_1 = 0.58206$ ,  $\alpha_2 = \pi - \alpha_1 = 2.55793$
- 4)  $\alpha_1 = 0.33746$ ,  $\alpha_2 = \pi - \alpha_1 = 2.8025$
- 5)  $\alpha_1 = \pi + 0.46927 = 3.60927$ ,  $\alpha_2 = 2\pi - \alpha_1 = 5.81073$
- 6)  $\sin \alpha' = 0.9987$ ,  $\alpha' = 1.51903$ ,  $\alpha_1 = \pi + \alpha' = 4.569$ ,  $\alpha_2 = 2\pi - \alpha' = 7.79903$