

Zadatak 11. Odredi i nacrtaj točke zadane polarnim koordinatama r i φ :

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|-----------------------------------|----------------------------------|
| 1) $(1, \frac{\pi}{4})$; | 2) $(2, -\frac{\pi}{4})$; |
| 3) $(3, \frac{\pi}{2})$; | 4) $(2, \pi)$; |
| 5) $(1, -\frac{\pi}{2})$; | 6) $(3, \frac{5\pi}{4})$; |
| 7) $(\sqrt{2}, \frac{3\pi}{4})$; | 8) $(\sqrt{3}, \frac{\pi}{3})$. |

Rješenje.

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|---|--|
| 1) $r_1 = 1, \varphi_1 = \frac{\pi}{4}$; | 2) $r_2 = 2, \varphi_2 = -\frac{\pi}{4}$; |
| 3) $r_3 = 3, \varphi_3 = \frac{\pi}{2}$; | 4) $r_4 = 2, \varphi_4 = \pi$; |
| 5) $r_5 = 1, \varphi_5 = -\frac{\pi}{2}$; | 6) $r_6 = 3, \varphi_6 = \frac{5\pi}{4}$; |
| 7) $r_7 = \sqrt{2}, \varphi_7 = \frac{3\pi}{4}$; | 8) $r_8 = \sqrt{3}, \varphi_8 = \frac{\pi}{3}$. |

