

Решите уравнение  $\operatorname{ctg} 2x = -\frac{1}{\sqrt{3}}$ .

1)  $\frac{\pi}{3} + \frac{4\pi k}{3}$

2)  $-\frac{\pi}{6} + \frac{\pi k}{2}$

3)  $\frac{\pi}{4} + \frac{\pi k}{2}$

4)  $\frac{\pi}{3} + \frac{\pi k}{2}$

5)  $\frac{4\pi}{3} + \frac{\pi k}{2}$

6)  $-\frac{\pi}{3} + \frac{\pi k}{2}$