

Решите простейшее тригонометрическое неравенство $\operatorname{ctg} \frac{4x}{3} \leq \sqrt{3}$.

- 1) $\bigcup_{k \in \mathbb{Z}} \left(\frac{\pi}{8} + \frac{3\pi}{4}k; \frac{3\pi}{4} + \frac{3\pi}{4}k \right)$ 2) $\bigcup_{k \in \mathbb{Z}} \left[\frac{\pi}{8} + \frac{3\pi}{4}k; \frac{3\pi}{4} + \frac{3\pi}{4}k \right]$
 3) $\bigcup_{k \in \mathbb{Z}} \left[\frac{\pi}{8} + \frac{3\pi}{4}k; \frac{3\pi}{4} + \frac{3\pi}{4}k \right)$ 4) $\bigcup_{k \in \mathbb{Z}} \left[\frac{\pi}{8} + \frac{\pi}{4}k; \frac{3\pi}{4} + \frac{\pi}{4}k \right)$
 5) $\bigcup_{k \in \mathbb{Z}} \left(\frac{\pi}{8} + \frac{3\pi}{4}k; \frac{3\pi}{4} + \frac{3\pi}{4}k \right]$ 6) $\bigcup_{k \in \mathbb{Z}} \left[\frac{\pi}{8} + \frac{3\pi}{2}k; \frac{3\pi}{4} + \frac{3\pi}{2}k \right)$