

Найдите неопределённый интеграл $\int \left(\cos \left(x - \frac{2\pi}{3} \right) - \sin \left(x + \frac{\pi}{8} \right) \right) dx$.

1) $\sin \left(x - \frac{2\pi}{3} \right) + \cos \left(x - \frac{\pi}{8} \right) + C$ 2) $\sin \left(x - \frac{2\pi}{3} \right) + \sin \left(x + \frac{\pi}{8} \right) + C$

3) $\sin \left(x - \frac{2\pi}{3} \right) + \cos \left(x + \frac{\pi}{8} \right) + C$ 4) $\sin \left(x + \frac{2\pi}{3} \right) + \cos \left(x + \frac{\pi}{8} \right) + C$