

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