

$$\cos x \cdot \sin(x/4) + 9/10 \cdot \sin x + 2\sin(x/4) \cdot \cos(x/2) + \sin(x/4) - \frac{1}{2} \cdot \cos(x/4) - \frac{9}{20} = 0$$

x лежит в $[-9\pi/2; -3\pi/2]$