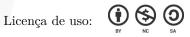
Qual o valor de $\cos 22, 5^{\circ} + \sin 22, 5^{\circ}$?

$$\cos\frac{\pi}{8} + \sin\frac{\pi}{8} = \cos\frac{\pi}{8} + \cos\frac{3\pi}{8} = 2\left(\cos\frac{\pi}{4}\right)\left(\cos\frac{\pi}{8}\right) = \sqrt{2}\sqrt{\frac{1 + \cos\frac{\pi}{4}}{2}} = \boxed{\sqrt{1 + \frac{\sqrt{2}}{2}}}$$

Documento compilado em Thursday $13^{\rm th}$ March, 2025, 20:29, tempo no servidor.

Sugestões, comunicar erros: "a.vandre.g@gmail.com".





 ${\it Atribuição-N\~ao Comercial-Compartilha Igual~(CC~BY-NC-SA)}.$