

$$\sqrt{3} \cdot \operatorname{Tg}(2x + 12^\circ) - 3 = 0$$

$$\frac{\sqrt{3} \cdot \operatorname{Tg}(2x + 12^\circ)}{\sqrt{3}} = \frac{3}{\sqrt{3}}$$

$$\operatorname{Tg}(2x + 12^\circ) = \frac{3}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}}$$

$$\operatorname{Tg}(2x + 12^\circ) = \frac{3\sqrt{3}}{\sqrt{3}}$$

$$\operatorname{Tg}(2x + 12^\circ) = \sqrt{3} \rightarrow \text{LA TANGENTE DI UN ANGOLO VALE } \sqrt{3}$$

$$A \frac{\pi}{3}$$

$$2x + 12^\circ = \frac{\pi}{3} + k\pi$$

$$\frac{2x}{2} = \left(\frac{\pi}{3} - 12^\circ + k\pi \right) \cdot \frac{1}{2}$$

$$x = \frac{\pi}{6} - 6^\circ + k\frac{\pi}{2}$$

$$x = \frac{\pi}{6} - \frac{\pi}{30} + k\frac{\pi}{2}$$

$$x = \frac{5\pi - \pi}{30} + k\frac{\pi}{2}$$

$$x = \frac{4\pi}{30} + k\frac{\pi}{2} ; \quad x = \frac{2\pi}{15} + k\frac{\pi}{2}$$

$360^\circ : 2\pi = 6^\circ : x$
 $x = \frac{2\pi \cdot 6^\circ}{360^\circ} = \frac{\pi}{30}$
 $6^\circ = 30^\circ$

$\sin 20^\circ = \sin \frac{\pi}{9} = 0,342020143$