

$$1 + \cos(x^2 + 1) = \sin^2(x^2 + 1)$$

$$1 + \cos(x^2 + 1) = 1 - \cos^2(x^2 + 1)$$

$$\cos^2(x^2 + 1) + \cos(x^2 + 1) = 0$$

$$\cos(x^2 + 1) = 0$$

$$x^2 + 1 = P/2 + Pk$$

$$x = \pm \sqrt{P/2 - 1 + Pk}, \quad k \geq 0 \text{ и } k \in \mathbb{Z}$$

$$\cos(x^2 + 1) = -1$$

$$x^2 + 1 = P + 2Pk$$

$$x = \pm \sqrt{P - 1 + 2Pk}, \quad k \geq 0 \text{ и } k \in \mathbb{Z}$$

