

Zadatak 46. Napiši jednađbu ravnalice parabole $y = 2x^2 + 1$.

Rješenje.

$$y = 2x^2 + 1$$

$$y - 1 = 2x^2$$

$$x^2 = \frac{1}{2}(y - 1) \implies 2p = \frac{1}{2}, \quad p = \frac{1}{4}, \quad T(0, 1)$$

$$r \quad \dots \quad y - 1 = -\frac{p}{2}$$

$$y - 1 = -\frac{1}{8}$$

$$y - \frac{7}{8} = 0 \quad / \cdot 8$$

$$8y - 7 = 0$$