

$$y_0 = \frac{2}{9} \int_{-2}^1 \int_{x^2}^{2-x} y \, dy \, dx = \frac{1}{9} \int_{-2}^1 (2-x)^2 - x^4 \, dx =$$

$$= \dots = \frac{8}{9}$$

$$[x_0, y_0] = \left[ -\frac{1}{2}, \frac{8}{9} \right] \Rightarrow \text{TEŽIŠTE DOŠRČKY}$$