

Str. 69 / úloha 351,

$$F_{vz} = 0,6 \text{ N}$$

$$V = ? \text{ [m}^3\text{]}$$

$$\rho = 1000 \frac{\text{kg}}{\text{m}^3}$$

$$g = 10 \frac{\text{N}}{\text{kg}}$$

$$F_{vz} = V_{\Delta} \cdot \rho \cdot g$$

\Rightarrow

$$V_{\Delta} = \frac{F_{vz}}{\rho \cdot g}$$

$$V_{\Delta} = \frac{0,6}{1000 \cdot 10}$$

$$V_{\Delta} = 0,00006 \text{ m}^3$$

$$\underline{\underline{V_{\Delta} = 60 \text{ cm}^3}}$$

Objem závaží je 60 cm^3 .