

$$\sigma_h = \sqrt{(\sigma_{h_{sluch}})^2 + (\sigma_{h_{sist}})^2}$$

$$\sigma_{h_{sluch}} = 0.03701351105$$

$$\sigma_h = \sqrt{(0.03701351105)^2 + (\frac{3}{1000})^2} = 0.03713488926$$

$$\sigma_{t_{reak}} = \sqrt{\frac{2}{g}} \cdot \frac{1}{2 \cdot \sqrt{h}} \cdot \sigma_h$$

$$\sigma_{t_{total}} = \sqrt{(\sigma_{t_{reak}})^2 + (\sigma_{t_{sluch}})^2}$$

$$\sigma_{t_{total}} = \sqrt{(0.01933542431)^2 + (0.3464101615)^2} = 0.3469493603$$

$$\sigma_{t_{total}} = 0.3469493603$$

$$\sigma_{t_i} = 0.01734746802$$