

Vyhodnocovanie chýb merania

A) Výpočet priemeru valčeka d a jeho chyby

i	d_i	$\Delta_i = \bar{d} - d_i$	$(\Delta_i)^2$
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

$$\sum_{i=1}^{10} d_i = \quad \quad \quad \sum_{i=1}^{10} (\Delta_i)^2 =$$

$$\bar{d} = \frac{1}{10} \sum_{i=1}^{10} d_i =$$

$$\bar{\delta}_d = \sqrt{\frac{1}{10(10-1)} \sum_{i=1}^{10} (\Delta_i)^2} =$$

B) Výpočet výšky valčeka h a jeho chyby

i	h_i	$\Delta_i = \bar{h} - h_i$	$(\Delta_i)^2$
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

$$\sum_{i=1}^{10} h_i = \quad \quad \quad \sum_{i=1}^{10} (\Delta_i)^2 =$$

$$\bar{h} = \frac{1}{10} \sum_{i=1}^{10} h_i =$$

$$\bar{\delta}_h = \sqrt{\frac{1}{10(10-1)} \sum_{i=1}^{10} (\Delta_i)^2} =$$