$$\mathrm{N} = 11$$

$$\mathrm{S}_x = \Sigma_{i=1}^{N} \mathrm{I}_i = -1.5$$

$$\mathrm{S}_y = \Sigma_{i=1}^{N} \Delta\mathrm{T}_i = -30.7$$

$$\mathrm{S}_{xx} = \Sigma_{i=1}^{N} \mathrm{I}_i^2 = 7.65$$

$$\mathrm{S}_{xy} = \Sigma_{i=1}^{N} \mathrm{I}_i \Delta\mathrm{T}_i = 160.2$$

$$a = \frac{NS_{xy} - S_x S_y}{NS_{xx} - S_x S_x} = 20.954$$

$$b = \frac{S_{xx} S_y - S_x S_{xy}}{NS_{xx} - S_x S_x} = 0.066$$

$$\epsilon_i = \Delta\mathrm{T}_i - a\mathrm{I}_i - b$$
$$\mathrm{S}_{\epsilon\epsilon} = \Sigma_{i=1}^{N} \epsilon_i^2 = 66.526$$

$$\mathrm{u(a)} = \sqrt{\frac{N}{N-2} \frac{S_{\epsilon\epsilon}}{NS_{xx} - S_x^2}} = 0.974$$

$$\mathrm{u(b)} = \sqrt{\frac{N}{N-2} \frac{S_{xx} S_{\epsilon\epsilon}}{NS_{xx} - S_x^2}} = 2.695$$

Wszystkie wartości przybliżone do trzeciego miejsca po przecinku