

Sprawozdanie 1

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U(V)	u(U)	I[mA]	R[Ω]	$u_c(R)$	\bar{R}	$u(\bar{R})$	$R_w[\Omega]$	$u_c(R_w)$
3.29	0.02	18.7	0.19					
4.78	0.02	27.8	0.25					
6.35	0.02	36.1	0.31					
7.89	0.03	44.9	0.37					
9.50	0.03	54.2	0.43					
12.44	0.04	71.0	0.55					

Przykładowe obliczenia:

$$\Delta u(U) = \pm 0.5\% \cdot rdg + 1 \cdot dgt = \frac{0.5}{100} \cdot 3.29 + 0.02 = 0.0264 \approx 0.03$$
$$u(U) = \frac{\Delta u(U)}{\sqrt{3}} = 0.015 \approx 0.02$$