

Wheatstonov mostič:

$$\delta_q = \frac{\Delta R_1}{R_{10}} = \frac{(\Delta I_5)_q}{U_0} \left[ R_{10} + R_2 + R_3 + R_4 + R_5 \left( \frac{R_{10}}{R_2} + 2 + \frac{R_2}{R_{10}} \right) \right]$$

$$R_2 = mR_{10} \quad R_3 = nR_{10} \quad R_4 = mnR_{10} \quad R_5 = pR_{10}$$

$$\delta_q = \frac{(\Delta I_5)_q}{U_0} R_{10} [1 + m + n + mn + p(m^{-1} + 2 + m)]$$

Thomsonov (Kelvinov) mostič:

$$\delta_q = \frac{(\Delta I_5)_q}{I_0 R_{10}} \left[ 2R_3 + R_4 \left( 1 + \frac{R_3}{R_4} \right) \right]$$

Izmeniční mostiči:

$$\delta_q = \frac{(\Delta U_5)_q}{U_0} \left( \frac{Z_{10}}{Z_2} + 2 + \frac{Z_2}{Z_{10}} \right)$$

Wheatstonov mostič:

$$\text{Splošno: } Z_1 Z_4 = Z_2 Z_3 \quad \varphi_1 + \varphi_4 = \varphi_2 + \varphi_3$$

$$\text{Induktivni: } U_v = \frac{1}{2} U_0 \frac{\Delta L}{L}$$

$$\text{Ownov mostič: } R_1 + j\omega L_1 = \frac{Z_3}{Z_4} \left( R_2 + \frac{1}{j\omega C_2} \right) \frac{Z_3}{Z_4} = j\omega R_3 C_3$$

$$\text{Maxwellov mostič: } R_1 + j\omega L_1 = \frac{Z_2}{Z_4} (R_3 + j\omega L_3) \quad \frac{Z_2}{Z_4} = \frac{R_2}{R_4}$$

$$\text{Maxwell-Wienov mostič: } R_1 + j\omega L_1 = Z_2 Z_3 \left( \frac{1}{R_4} + j\omega C_4 \right) \quad Z_2 Z_3 = R_2 R_3$$