

U[V]	$R_1$ [Ω]	$R_2$ [Ω]	$R_3$ [Ω]	$R_4$ [Ω]	$R_5$ [Ω]	$R_6$ [Ω]
180	250	315	615	180	460	120

**Krok 1** - [TODO: write description]

$$R_{23} = R_2 + R_3 = 315 + 615 = 930\Omega$$

$$R_{123} = \frac{R_1 \times R_{23}}{R_1 + R_{23}} = \frac{180 \times 930}{180 + 930} = 150,81081081081\Omega$$

$$R_{1234} = R_{123} + R_4 = 150,81081081081 + 180 = 330,81081081081\Omega$$

$$R_{12345} = \frac{R_5 \times R_{1234}}{R_5 + R_{1234}} = \frac{460 \times 330,81081081081}{460 + 330,81081081081} = 192.4265208475732\Omega$$