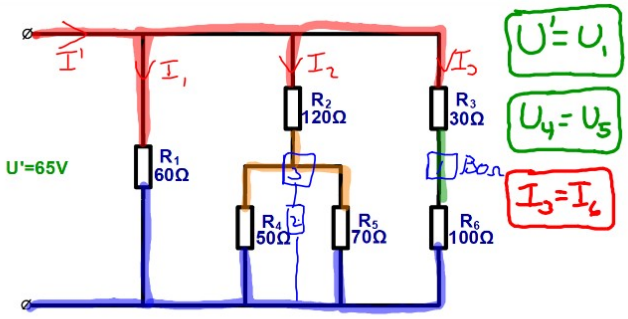

	U	I	R
1	65	1,08A	60Ω
2	52,29V	435,75mA	120Ω
3	15V	500mA	30Ω
4	12,71V	254,19mA	50Ω
5	12,71V	181,56mA	70Ω
6	50V	500mA	100Ω
Total	65V	2,02A	32,19Ω

(12) $U_4 = U' - U_2$ = 12,71V

(13) $I_4 = \frac{U_4}{R_4}$ = 254,19mA

(14) $I_5 = \frac{U_5}{R_5}$ / $I_5 = I_2 - I_4$ = 181,56mA

(1) $R_{3.6} = R_3 + R_6$ = 130Ω

(2) $R_{4.5} = (R_4^{-1} + R_5^{-1})$ = 29,17Ω

(3) $R_{2.4.5} = R_2 + R_{4.5}$ = 149,17Ω

(4) $R' = (R_1^{-1} + R_{2.4.5}^{-1} + R_{3.6}^{-1})^{-1}$ = 32,19Ω

(5) $I' = \frac{U'}{R'}$ = 2,02A

(6) $I_1 = \frac{U_1}{R_1}$ = 1,08A

(7) $I_3 = \frac{U'}{R_{3.6}}$ = 500mA

(8) $I_2 = I' - I_1 - I_3$ = 435,75mA

(9) $U_2 = I_2 \times R_2$ = 52,29V

(10) $U_3 = I_3 \times R_3$ = 15V

(11) $U_6 = I_6 \times R_6$ / $U_6 = U' - U_3$ = 50V