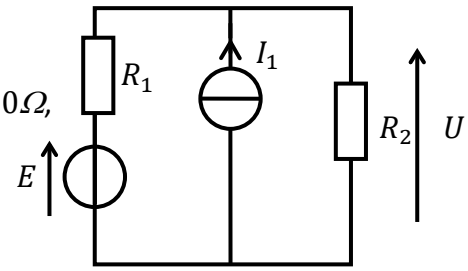
TD 3 : Millman's Theorem

Exercise 1.

Give the expression, then the value of U if $E = 15V$, $R_1 = 200\Omega$, $R_2 = 100\Omega$ and $I_1 = 0{,}1A$

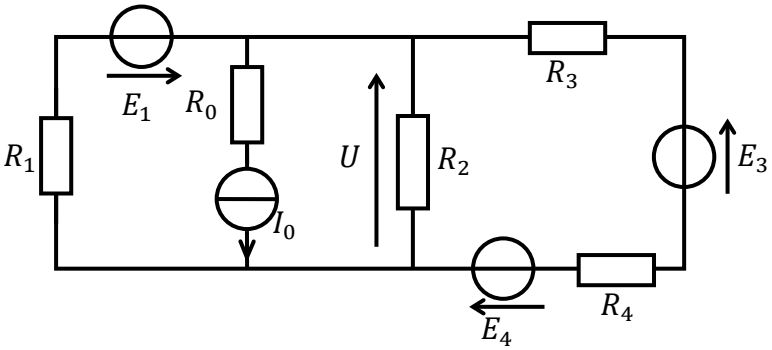
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Exercise 2.

We consider the circuit shown below.

Determine the expression of the voltage U as a function of E_1, E_3, E_4, I_0 and resistances R_i.



Exercise 3.

We consider the circuit shown below.

Determine the expression for the voltage U.

