Corrent and conductivity

Ohm's Law

Potential Field

Electrical energy and power

Combination of capacitors and resistors

KCL and KVL

RC circuits .

Example #1

$$\frac{1}{10} \frac{1}{10} \frac{1}{10}$$

Example #2 40 3Ω 6Ω 1_3 $1_4I_2=I_3$ $1_4I_2=I_3$ $1_4I_2=I_4$ $1_4I_2=I_5$ $1_4I_3=I_5$ $1_4I_4=I_5$ $1_4I_5=I_5$ I_5 I_5 I