

Vectoren

LEICIER

SPOEL

UL



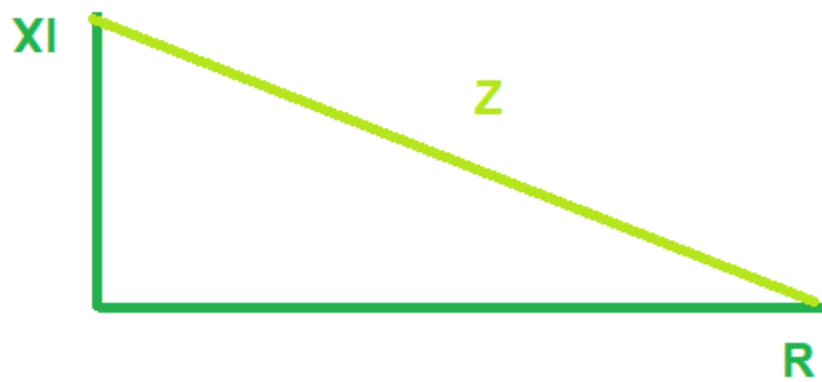
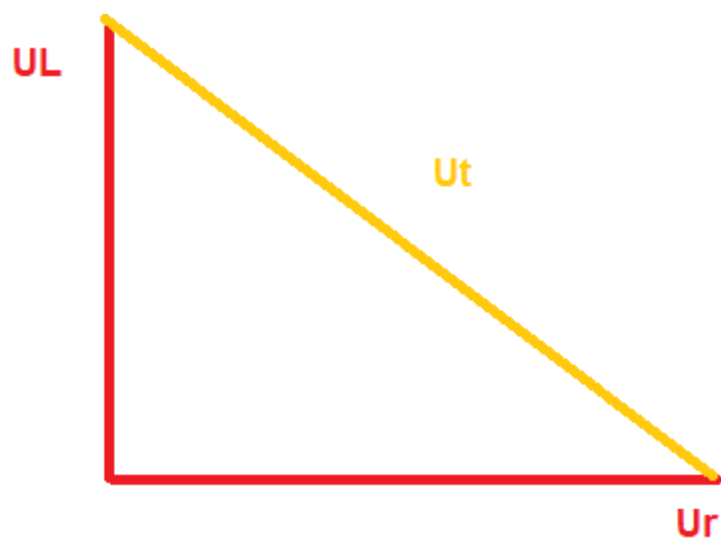
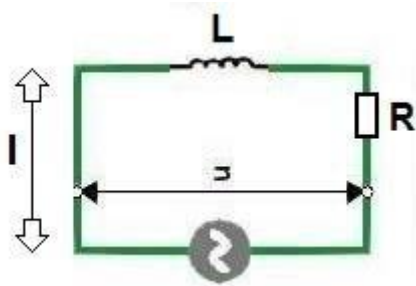
IL



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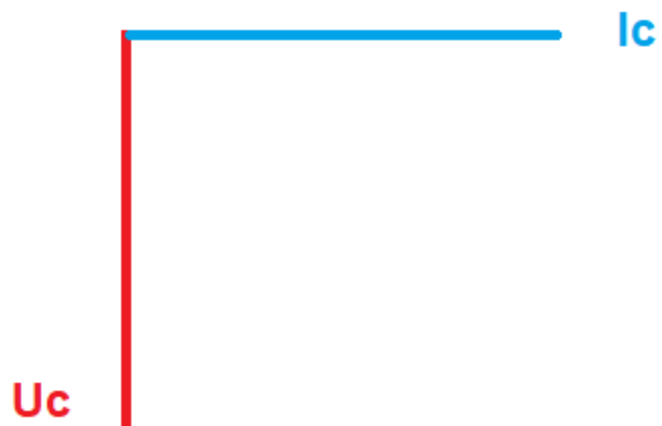
L en R in serie



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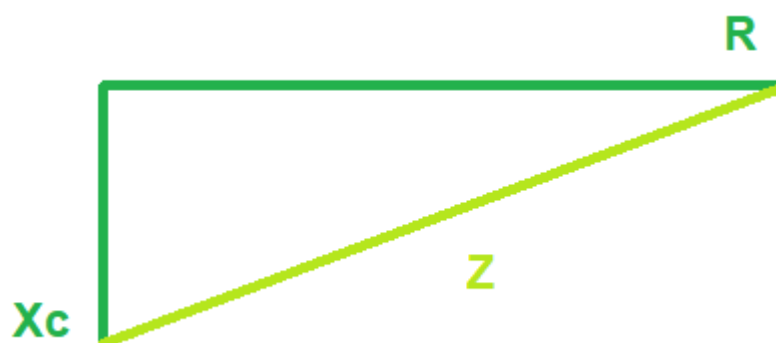
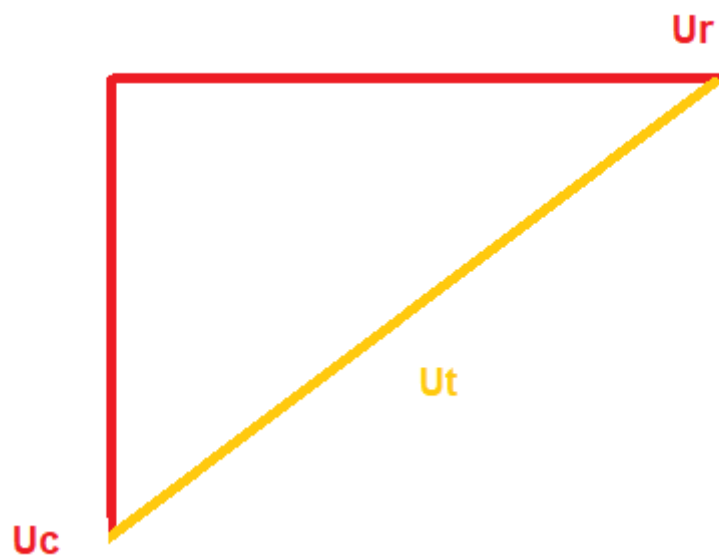
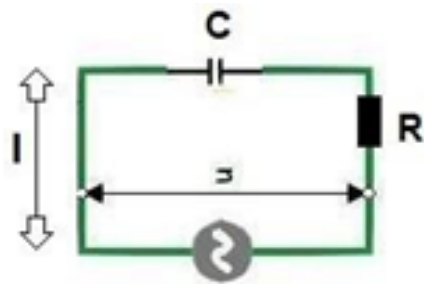
CONDENSATOR



Vectoren

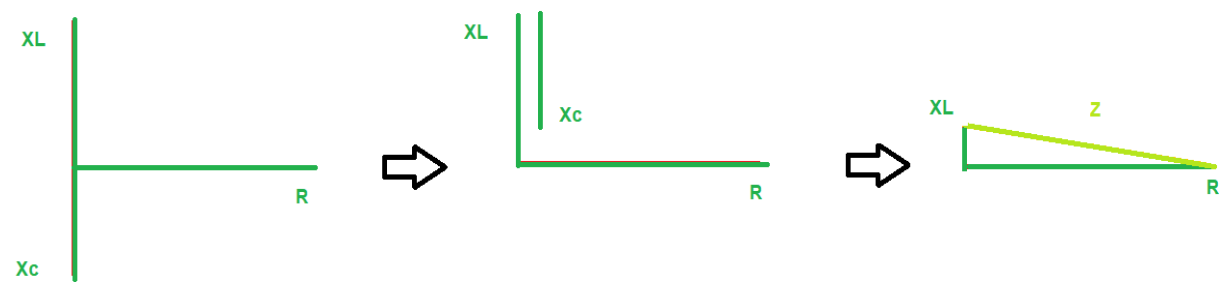
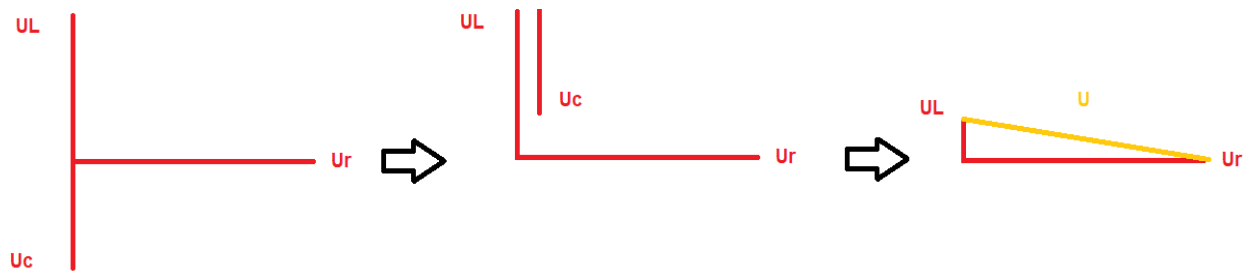
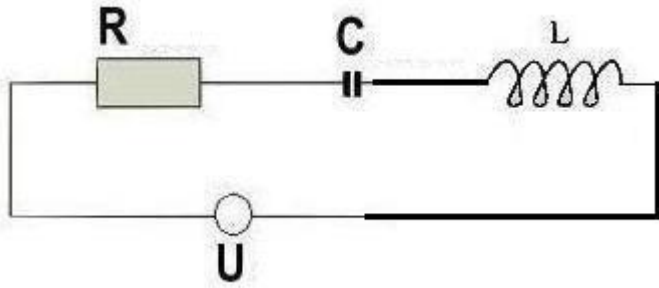
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C en R in serie



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RCL in serie

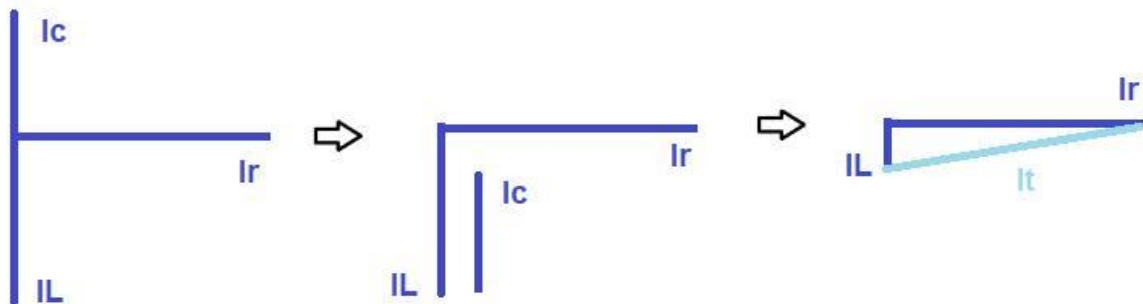
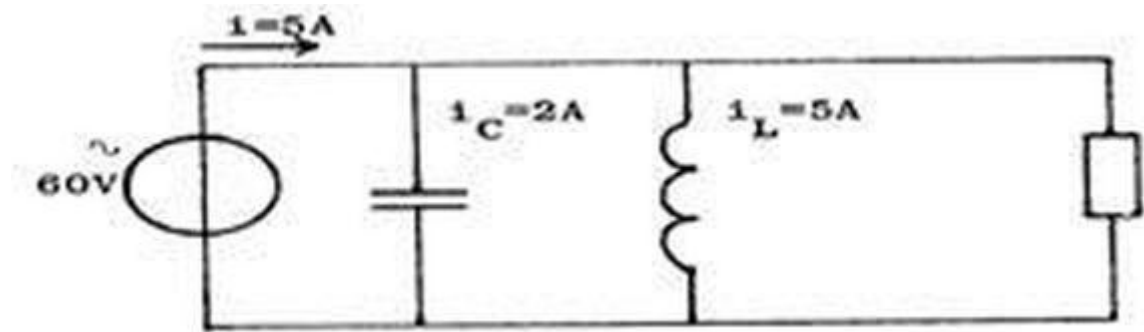


Vectoren

LEICHT



RCL parallel



$$I^2 = I_r^2 + (I_L - I_C)^2$$

$$5^2 = I_r^2 + (5 - 2)^2$$

$$25 = I_r^2 + 9$$

$$I_r^2 = 25 - 9$$

$$I_r = \sqrt{16}$$

$$I_r = 4 \text{ A}$$