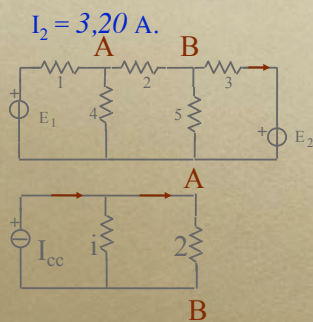


# Lezione 12

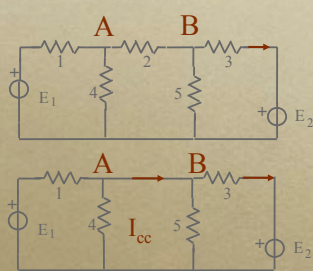
## Esercizi: Teorema del generatore equivalente di corrente



- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

Es.6.0

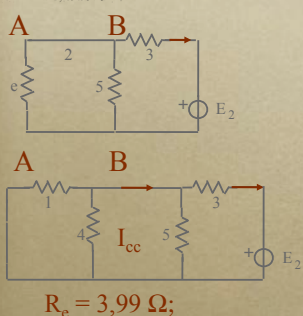
## Esercizi: Teorema del generatore equivalente di corrente



- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$
- $I_{cc} = 4,99 \text{ A}.$

Es.6.0.2

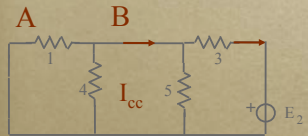
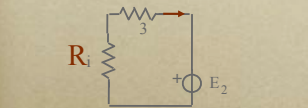
## Esercizi: Teorema del generatore equ. di corr.



- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

$R_e = 3,99 \Omega;$

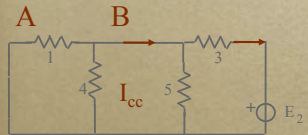
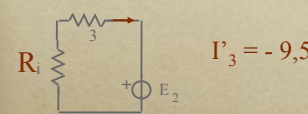
Esercizi: Teorema del generatore equ. di corr.



- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

$R_e = 3,99 \Omega; R_i = 3,91 \Omega; I_{cc} = 4,99 \text{ A}.$

Esercizi: Teorema del generatore equ. di corr.

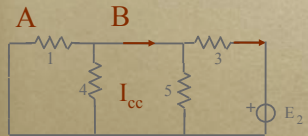
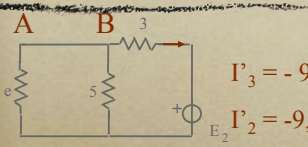


- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

$R_e = 3,99 \Omega; R_i = 3,91 \Omega; I_{cc} = 4,99 \text{ A}.$

$I'_3 = -9,52$

Esercizi: Teorema del generatore equ. di corr.



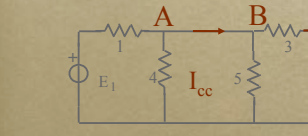
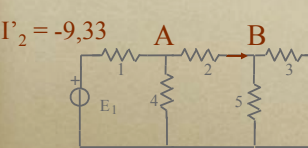
- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

$R_e = 3,99 \Omega; R_i = 3,91 \Omega; I_{cc} = 4,99 \text{ A}.$

$I'_3 = -9,52$

$I'_2 = -9,33$

Esercizi: Teorema del generatore equ. di corr.



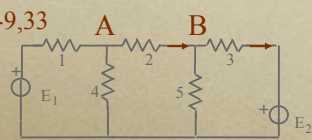
- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$

$R_e = 3,99 \Omega; R_i = 3,91 \Omega; I_{cc} = 4,99 \text{ A}.$

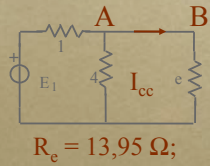
$I'_2 = -9,33$

Esercizi: Teorema del generatore equ. di corr.

$I'_2 = -9,33$



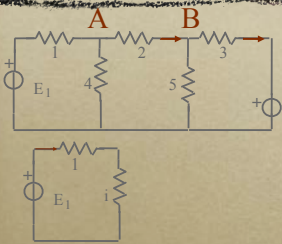
- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$
- $I_{cc} = 4,99 \text{ A}.$



$R_e = 13,95 \Omega;$

Esercizi: Teorema del generatore equ. di corr.

$I'_2 = -9,33$

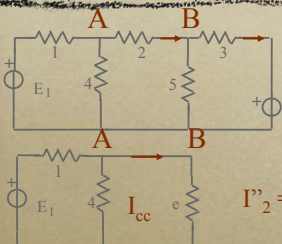


- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$
- $I_{cc} = 4,99 \text{ A}.$

$R_e = 13,95 \Omega; R_i = 9,97 \Omega;$   
 $I''_1 = 20,04 \text{ A};$

Esercizi: Teorema del generatore equ. di corr.

$I'_2 = -9,33$

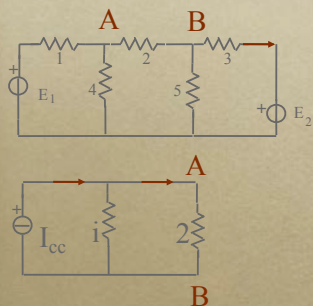


- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega;$
- $R_5 = 200 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}.$
- $I_{cc} = 4,99 \text{ A}.$

$R_e = 13,95 \Omega; R_i = 9,97 \Omega;$   
 $I''_1 = 20,04 \text{ A};$

$I''_2 = 14,32 \text{ A};$

Esercizi: Teorema del generatore equ. di corr.



- $R_1 = 4,5 \Omega;$
- $R_2 = 10 \Omega;$
- $R_3 = 15 \Omega;$
- $R_4 = 35 \Omega; I_{cc} = 4,99 \text{ A}.$
- $R_5 = 200 \Omega; R_i = 17,94 \Omega;$
- $E_1 = 290 \text{ V};$
- $E_2 = 180 \text{ V}. I_2 = 3,20 \text{ A}.$

