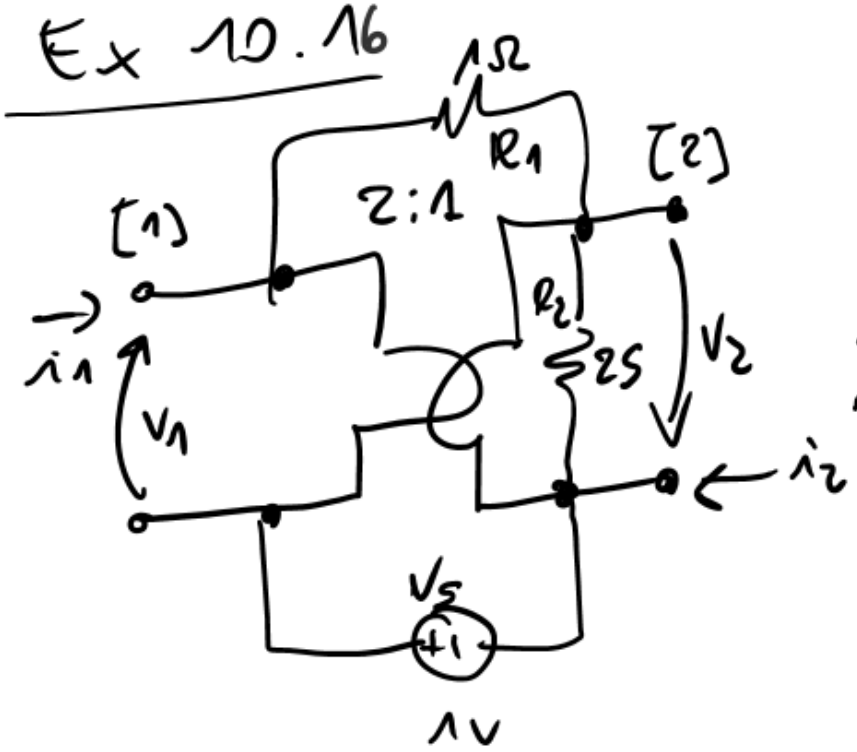
Ex 10.16

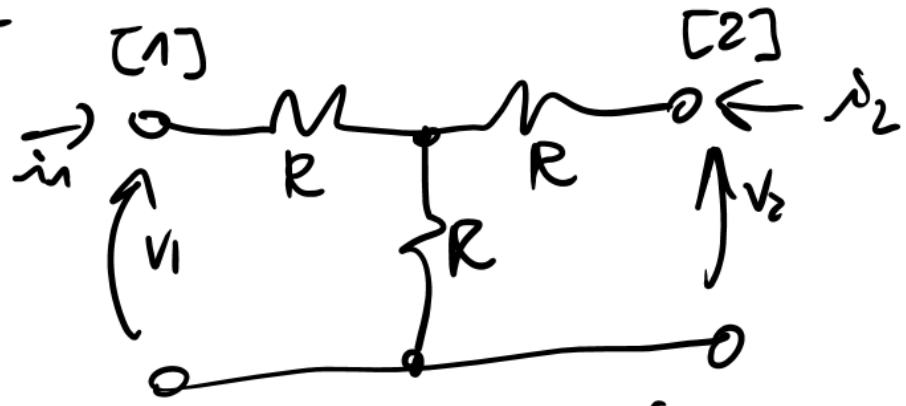


Mp

- $R_1 = 1\,\Omega$
- $G_2 = 2\,S$
- $R_2 = 1/G_2 = \frac{1}{2}\,\Omega$
- $V_s = 1V$
- TRASF IDEALE

→ $\underline{\underline{H}}$? $\underline{\underline{G}}$?

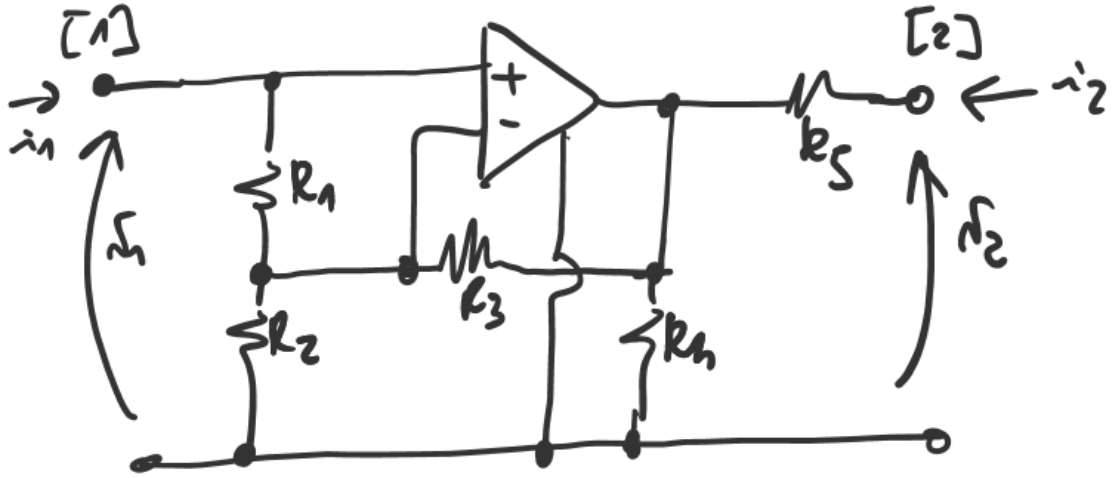
Ex 8.2



determinare la matrice trasmissione (direttamente) $\underline{\underline{T}}$

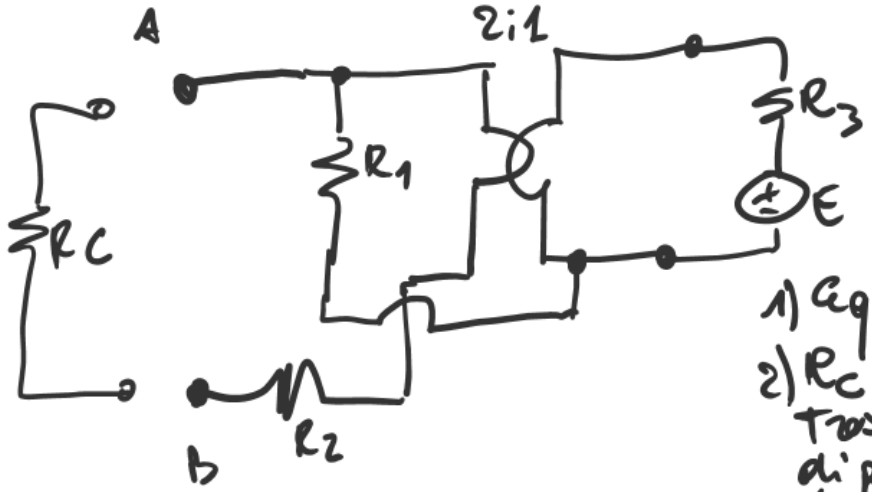
Ex 11.1 Hp R_{1-5} OpAmp IDEALE

G ?



Ex 11.2 Hp a) $R_1 = R_3 = R = 1\Omega$ b) $R_2 = 4R$

c) $E = 2V$



1) Eq Thevenin A,B?

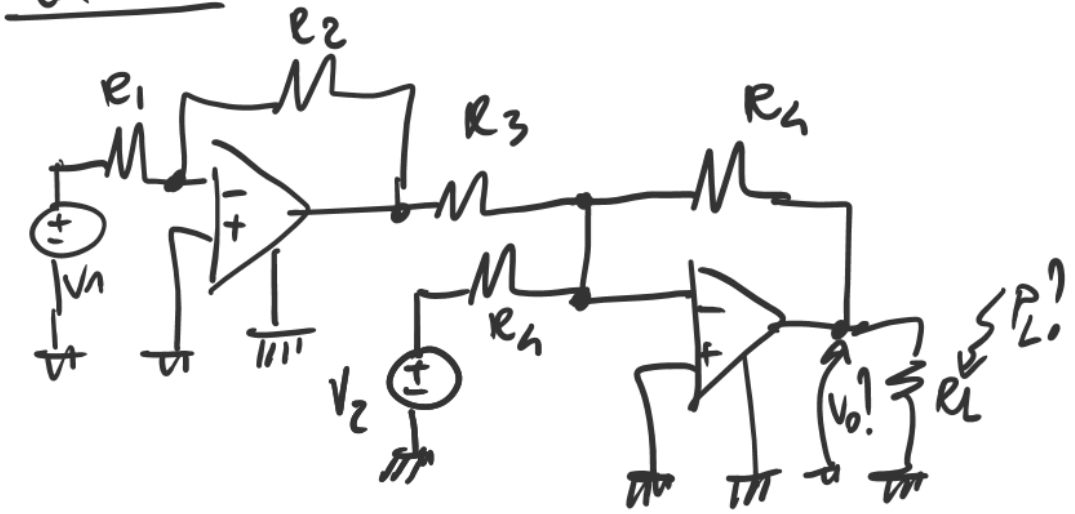
2) R_C x avere MAX trasferimento di potenza con di esso

3) MAX Potenza erogata da E

Ex 11.3

Hp •) $V_S = 33V$ •) $R_1 = 2\Omega$ •) $R_2 = 4\Omega$ •) $R_3 = 6\Omega$
•) $K_1 = 1/4$ •) $K_2 = 4$ (TRASF IDEALI)

Ex 11.4



Hp
•) $V_1 = 1V$
•) $V_2 = 0{,}5V$
•) $R_1 = 10k\Omega$
•) $R_2 = 20k\Omega$
•) $R_5 = 20k\Omega$
•) $R_3 = 10k\Omega$
•) $R_4 = 10k\Omega$
•) $R_L = 1k\Omega$

Op Amp IDEALI $\Rightarrow$ •) V_o ?
•) P_L ?