

$\bar{V}_A, \bar{V}_B, \bar{V}_{out} ?$

Q: PTO DI LAVORO

LEZIONI PRIVATE

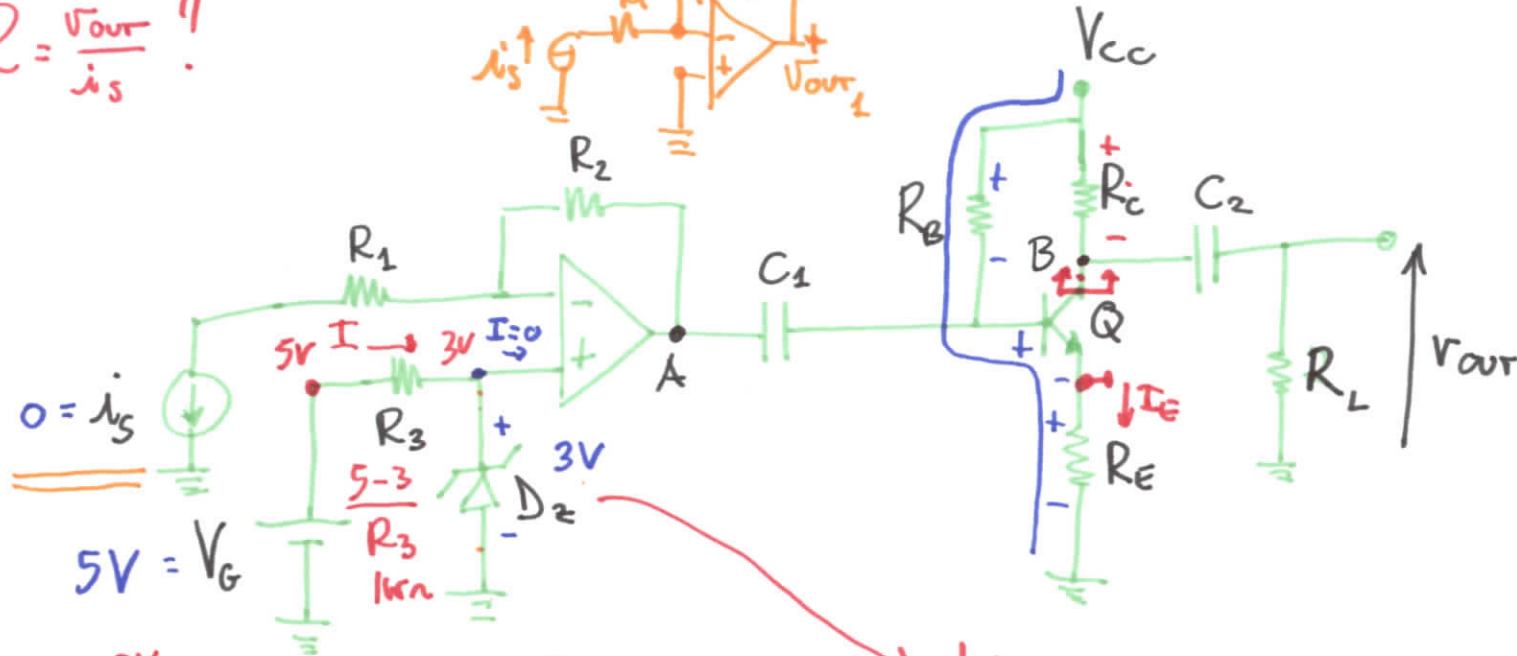
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P_{dissQ} P_{dissD2}

$\bar{V}_{out} = 0$

$\bar{V}_{out2} = -R_2 i_s$

$R = \frac{V_{out}}{i_s} ?$



$\bar{V}_A = V^+ \left(1 + \frac{R_2}{R_1} \right) = 18V$

$\bar{V}_B = V_{CC} - R_C I_C$

$P_{diss} = 2mA \cdot 3V = 6mW$

$V_{CC} = R_E I_B + V_{CEQ} + (\beta + 1) I_B R_E$

$P_{diss} = \underbrace{\bar{V}_{CE} \bar{I}_C}_{\bar{V}_B - V_E} + \underbrace{\bar{V}_{BE} \bar{I}_B}$

