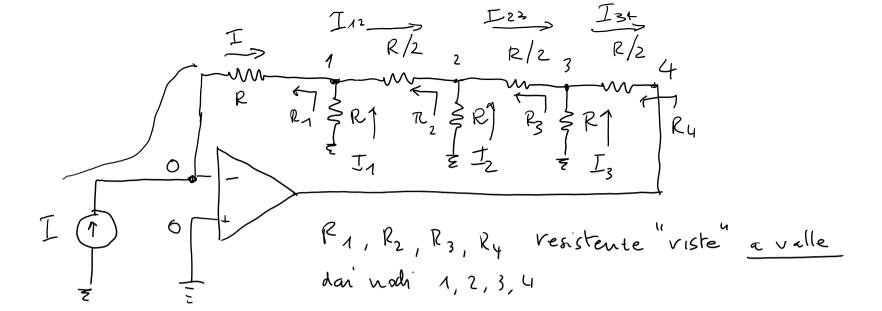
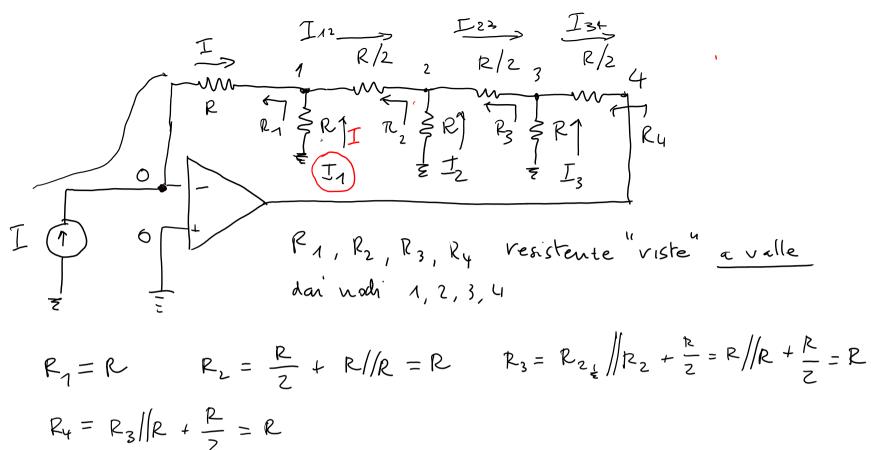


Ay indip
$$R_{11} = R_{1}$$

$$A_{V} = -\frac{R_{2}}{R_{1}} \left(\text{sen} \text{Za} T \right)$$



- a) R₁, R₂, R₃, R₄
- 6) v_1, v_2, v_3, v_4 I_{12} I_{23}, I_{34}

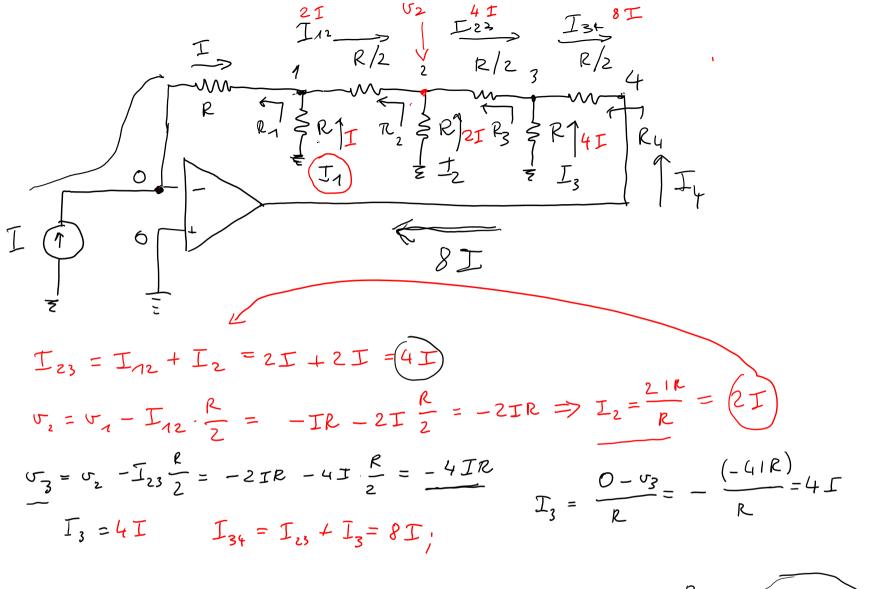


$$R_{1} = R \qquad R_{2} = \frac{1}{2} + R//R = R \qquad R_{3} = R_{2} / R_{2} = R$$

$$R_{4} = R_{3} / R_{4} + \frac{R}{2} = R$$

$$I_{1} = -\frac{V_{1}}{R}; \quad V_{1} = -IR \qquad I_{1} = I \qquad I_{12} = 2I$$

$$I_{23} = I_{12} + I_{2}$$



$$\frac{\sigma_4 = \sigma_3 - \sigma_{34}}{\sigma_{2}} = -41R - 8\Gamma \cdot \frac{R}{2} = -8\Gamma R$$

$$= -1_{34} = -8\Gamma$$