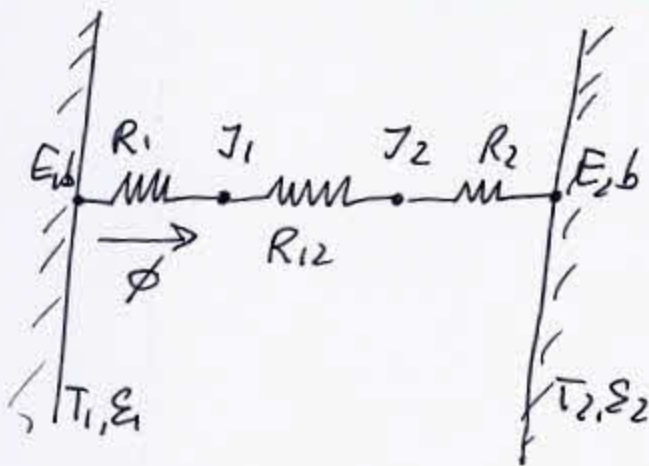


PANTALLAS DE RADIACION

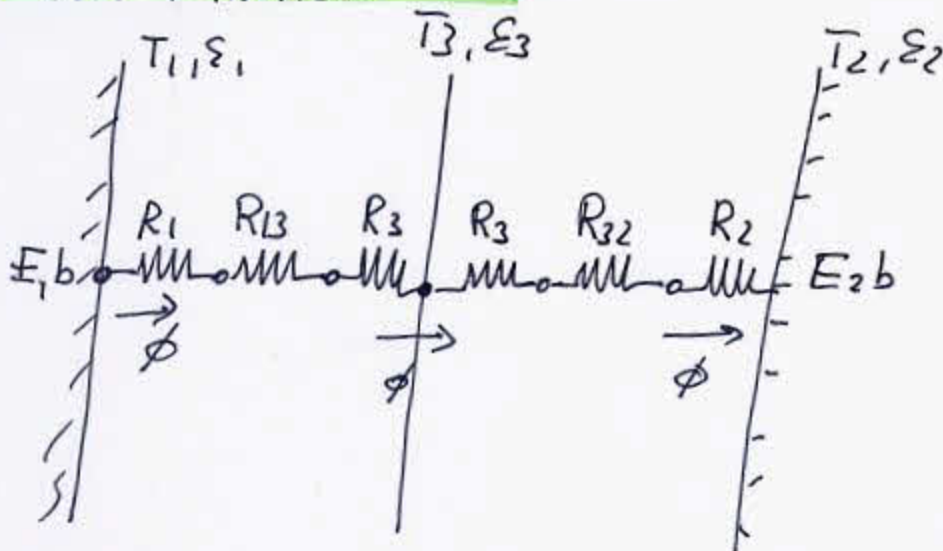


$$E_{1,b} - E_{2,b} = \phi (R_1 + R_{12} + R_2) \Rightarrow \phi = \frac{E_{1,b} - E_{2,b}}{\frac{1-\epsilon_1}{A\epsilon_1} + \frac{1}{AF_{12}} + \frac{1-\epsilon_2}{A\epsilon_2}}$$

$$\text{Si } F_{12} = F_{21} = 1$$

$$\phi = \frac{4\sigma(T_1^4 - T_2^4)}{\frac{1}{\epsilon_1} + \frac{1}{\epsilon_2} - 1}$$

CON PANTALLA



$$E_{1,b} - E_{2,b} = \phi \cdot (R_1 + R_2 + 2R_3 + R_{13} + R_{23}) \Rightarrow$$

$$\phi = \frac{E_{1,b} - E_{2,b}}{\frac{1-\epsilon_1}{A\epsilon_1} + \frac{1-\epsilon_2}{A\epsilon_2} + \frac{1-\epsilon_3}{A\epsilon_3} \cdot 2 + \frac{1}{AF_{13}} + \frac{1}{AF_{23}}} = \frac{4\sigma A(T_1^4 - T_2^4)}{\frac{1}{\epsilon_1} + \frac{1}{\epsilon_2} + \frac{2}{\epsilon_3} - 2}$$

$F_{13} = F_{31} = 1$