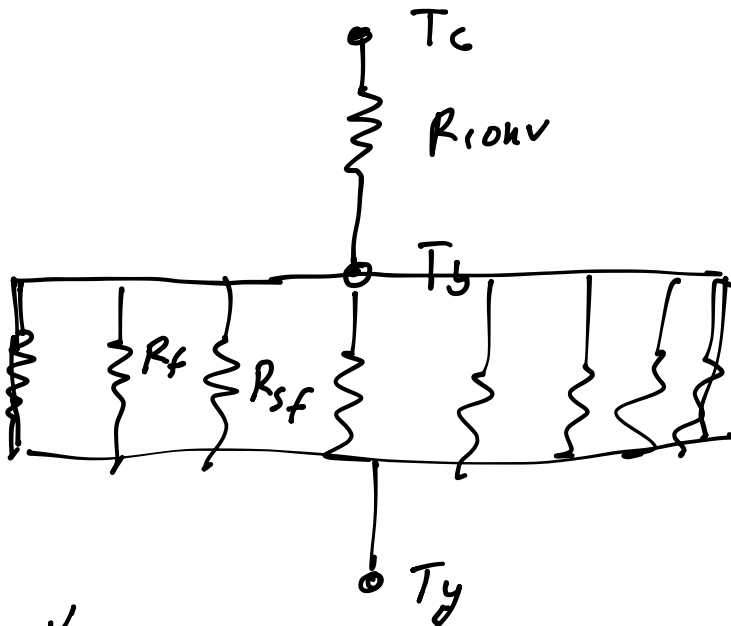


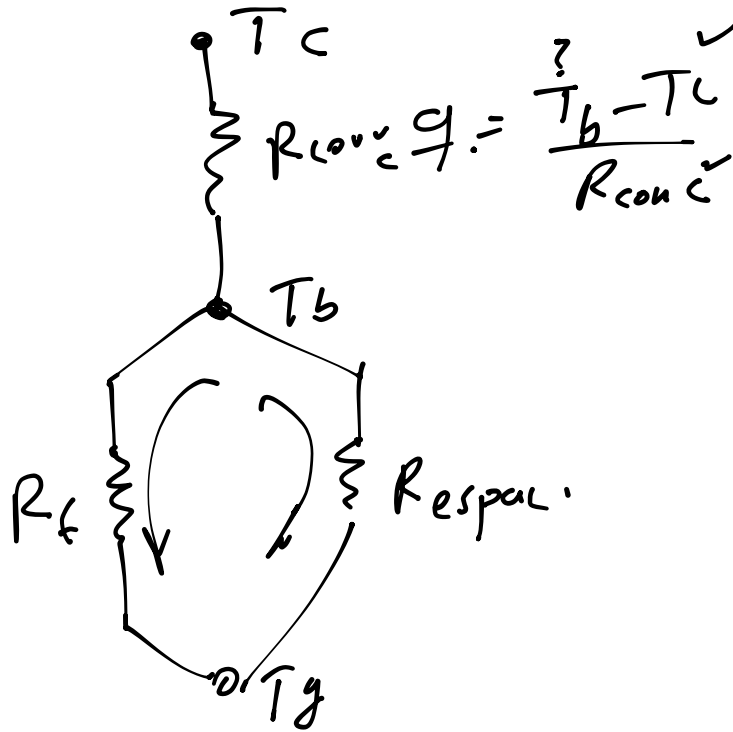
$$q_f = \eta h A_f \theta_b \quad \theta_b = T_b - T_y$$



$$\frac{1}{R_{TOT,f}} = \sum_{i=1}^N \frac{1}{R_i} = \frac{N}{R_f}$$

$$R_{TOT,f} = \frac{R_f}{N}$$

$$\frac{1}{R_{TOT, sf}} = \sum_{i=1}^{N+1} \frac{1}{R_i} = \frac{(N+1)}{\frac{1}{h A_{sf}}} \quad R_{TOT, sf} = \frac{1}{(N+1) h A_{sf}}$$



$$\frac{1}{R_{TOT, parallel}} = \frac{1}{R_f} + \frac{1}{R_{resp.}}$$

