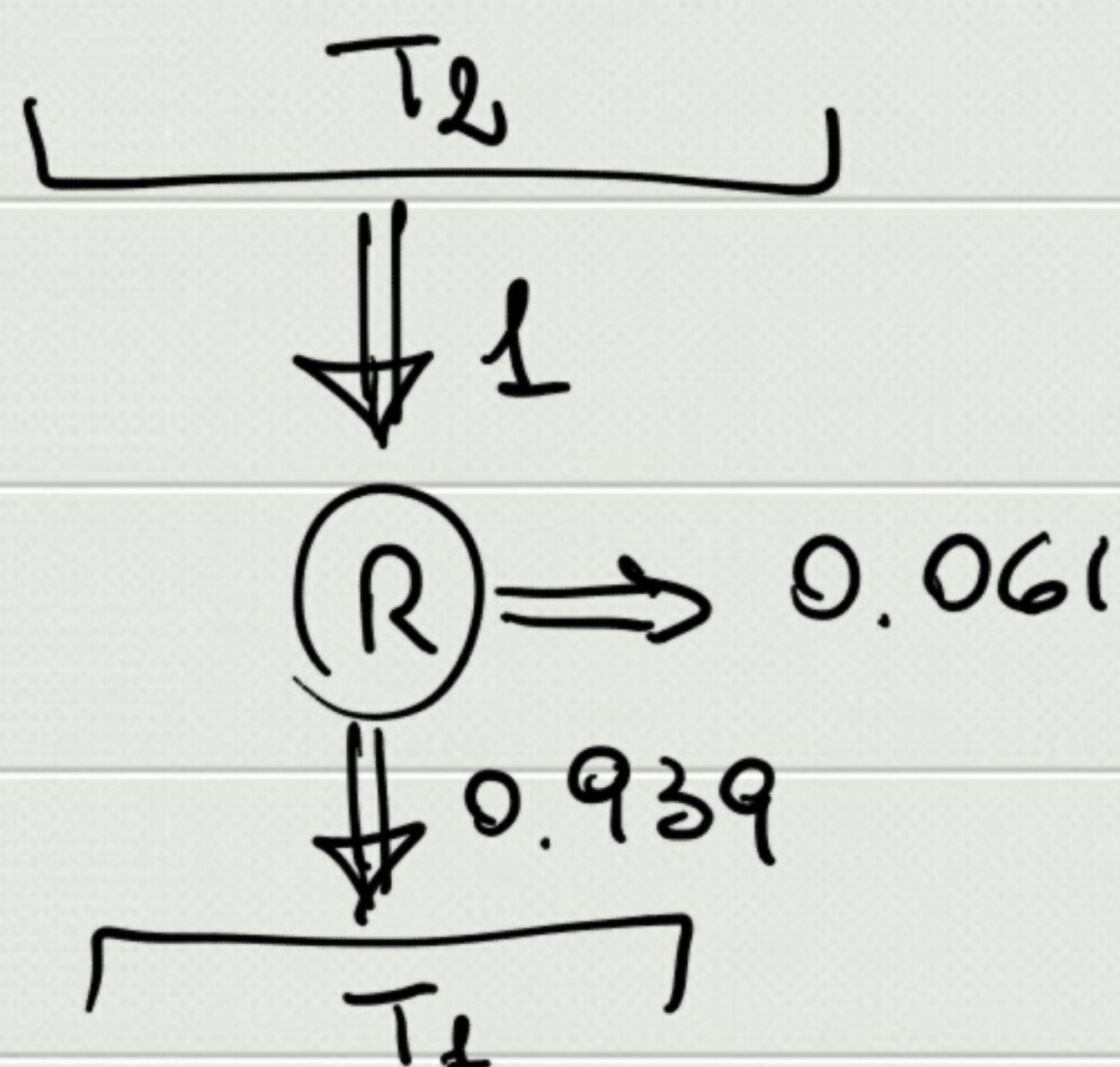


$$\eta = 1 - \frac{T_1}{T_2} = \frac{T_2 - T_1}{T_2} = \frac{\Delta T}{T_2}$$

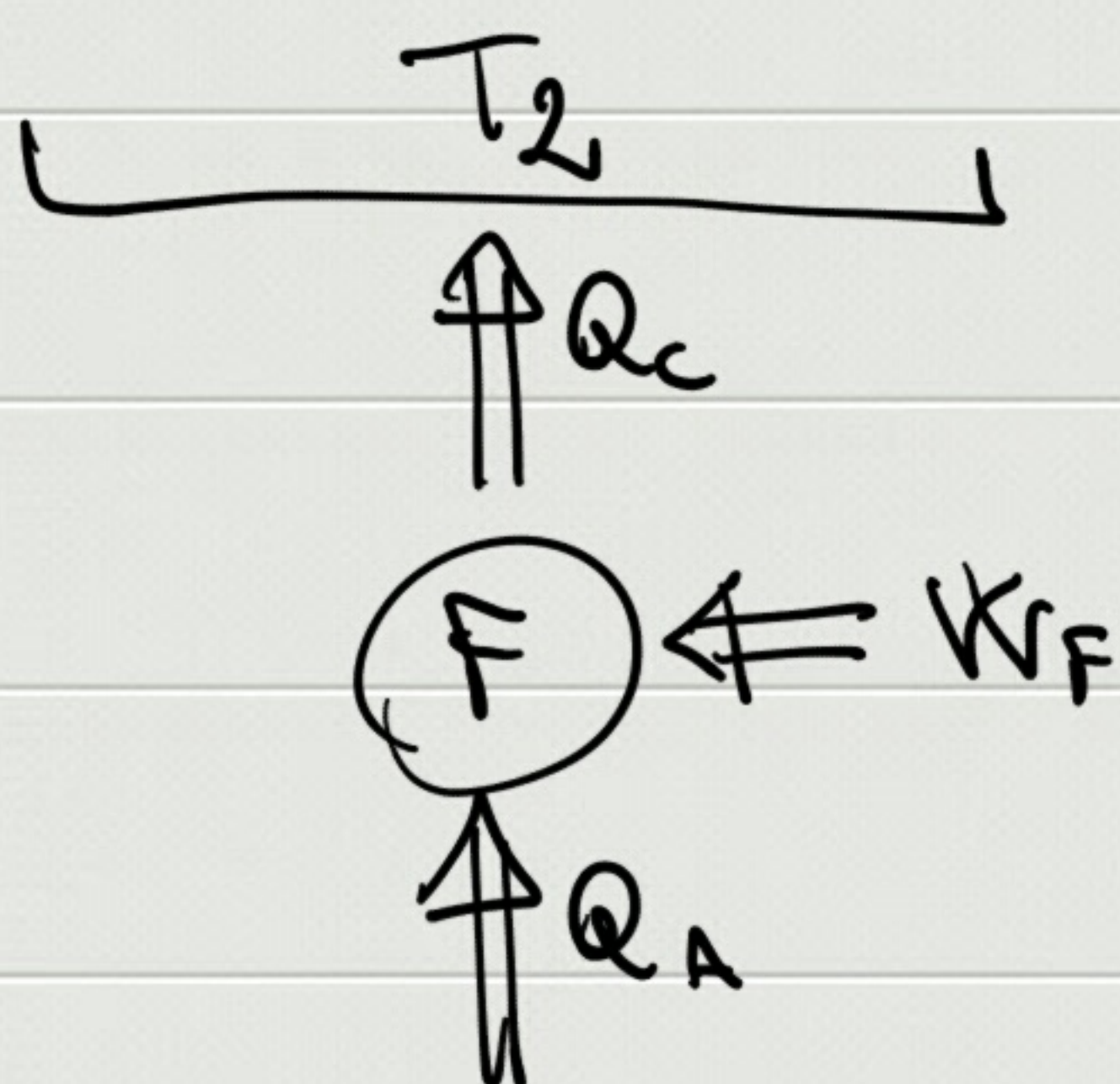
$$T_1 = 277 \text{ K} = 4^\circ \text{C}$$

$$T_2 = 295 \text{ K} = 22^\circ \text{C}$$

$$\Rightarrow \eta = 0.061$$

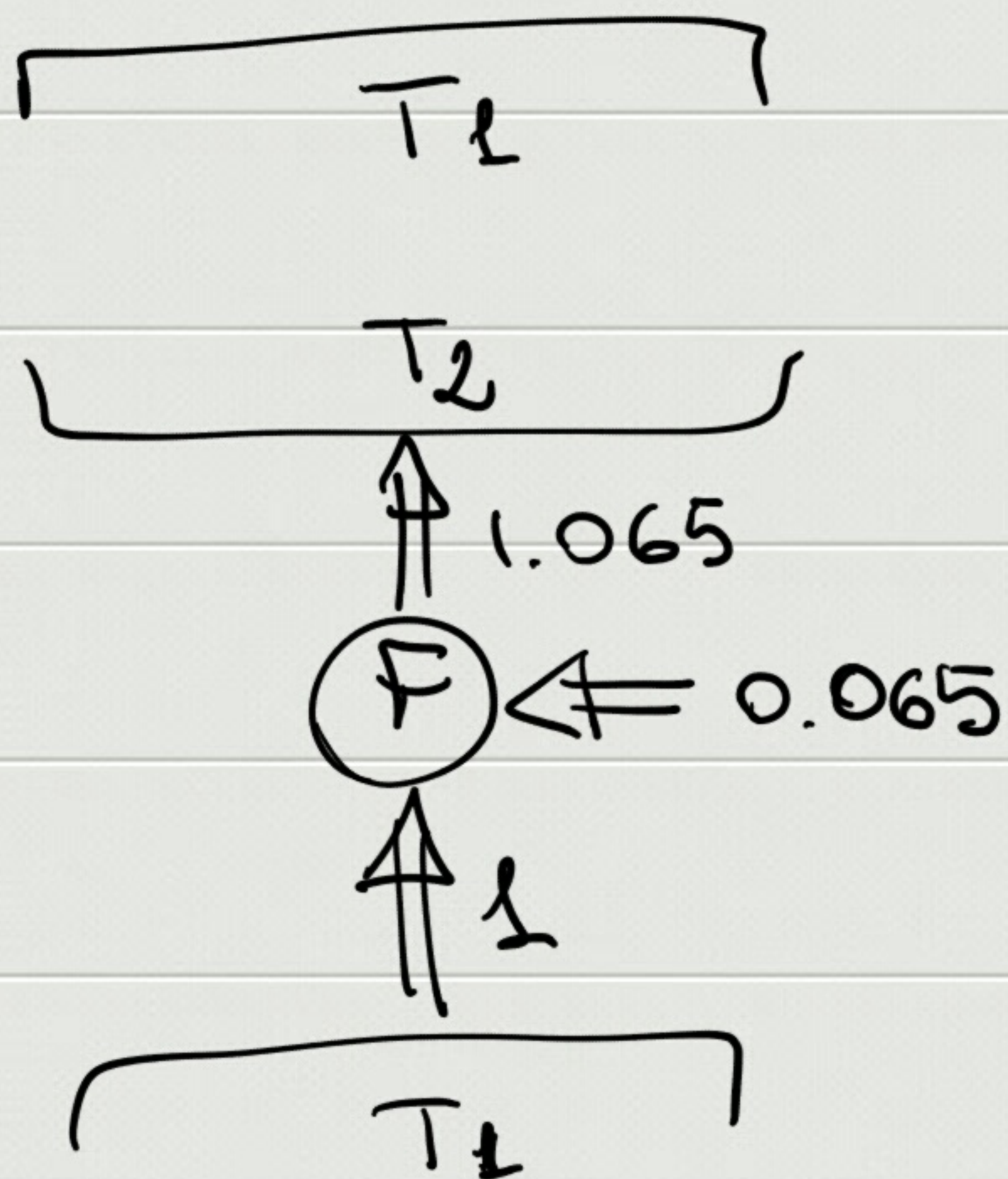






$$\xi = \frac{Q_A}{|W_F|} = \frac{T_1}{|T_1 - T_2|}$$

$$\xi = 15.4 \Rightarrow |W_F| = \frac{Q_A}{\xi}$$



$$T_1 = 4^\circ\text{C} \quad T_2 = 22^\circ\text{C}$$

Pompa di calore

