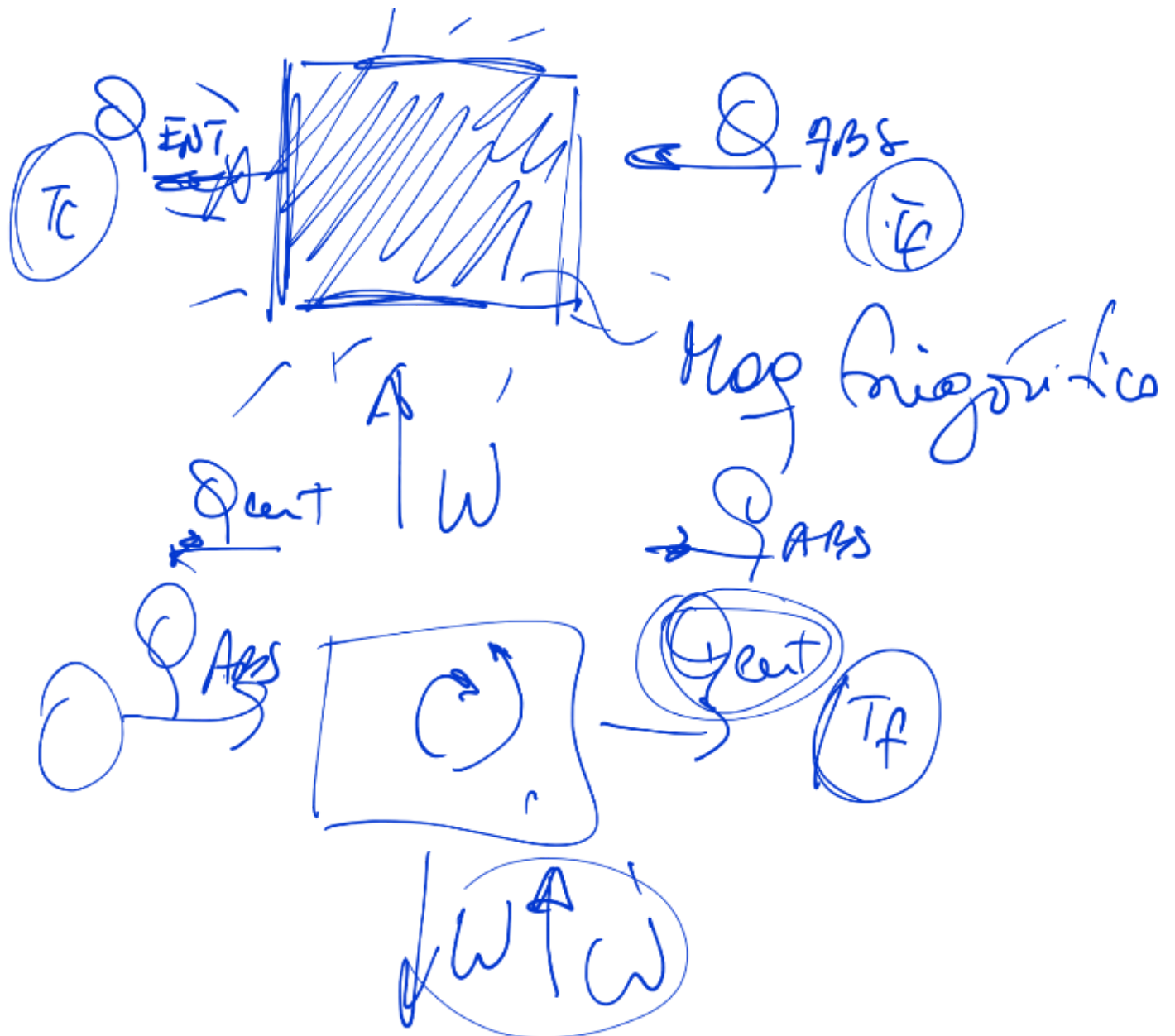


Notas clase f3b-20190423-U03-C01-Segund...



$$\eta = \frac{W_N}{Q_{ABS}}$$

$$\eta_f = \frac{W_{neto}}{Q_{ent}}$$

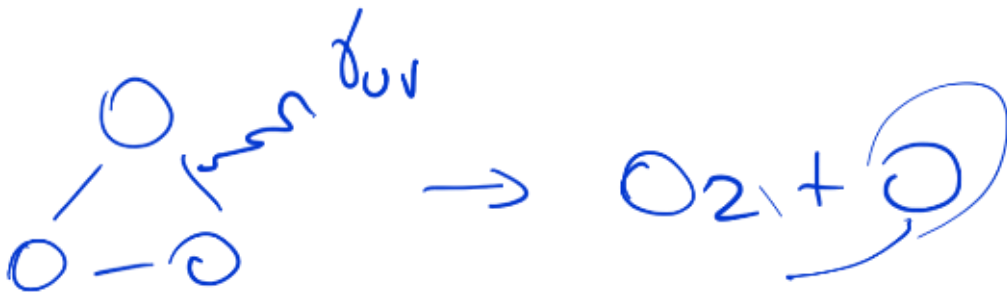
$$COP = \frac{|Q_{ABS}|}{|Q_{ABS}|} = \frac{|Q_{ABS}|}{|Q_{ABS}|}$$

Wnebo Jant - JABS.

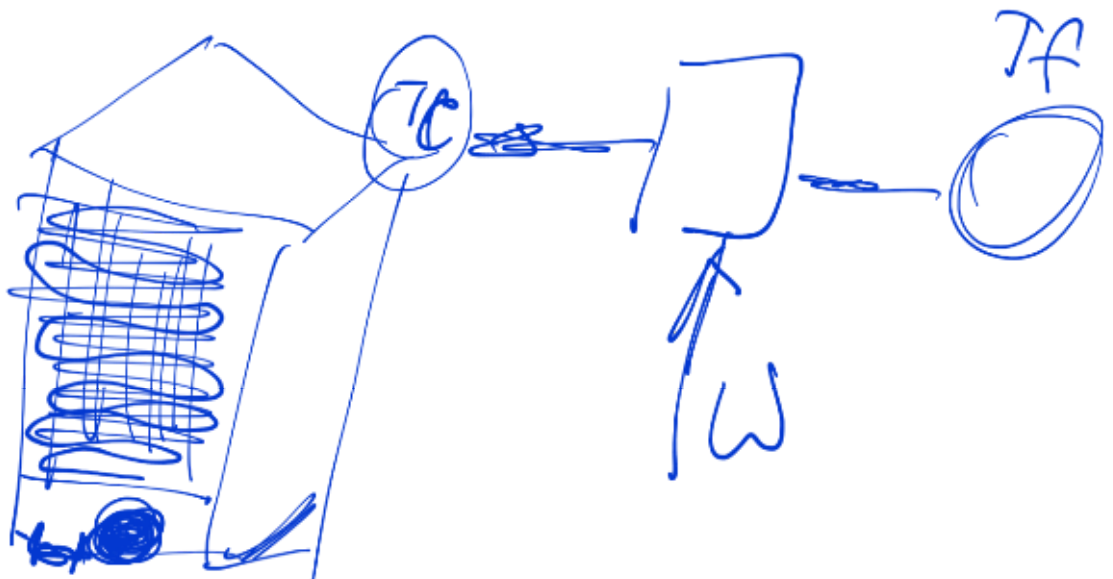


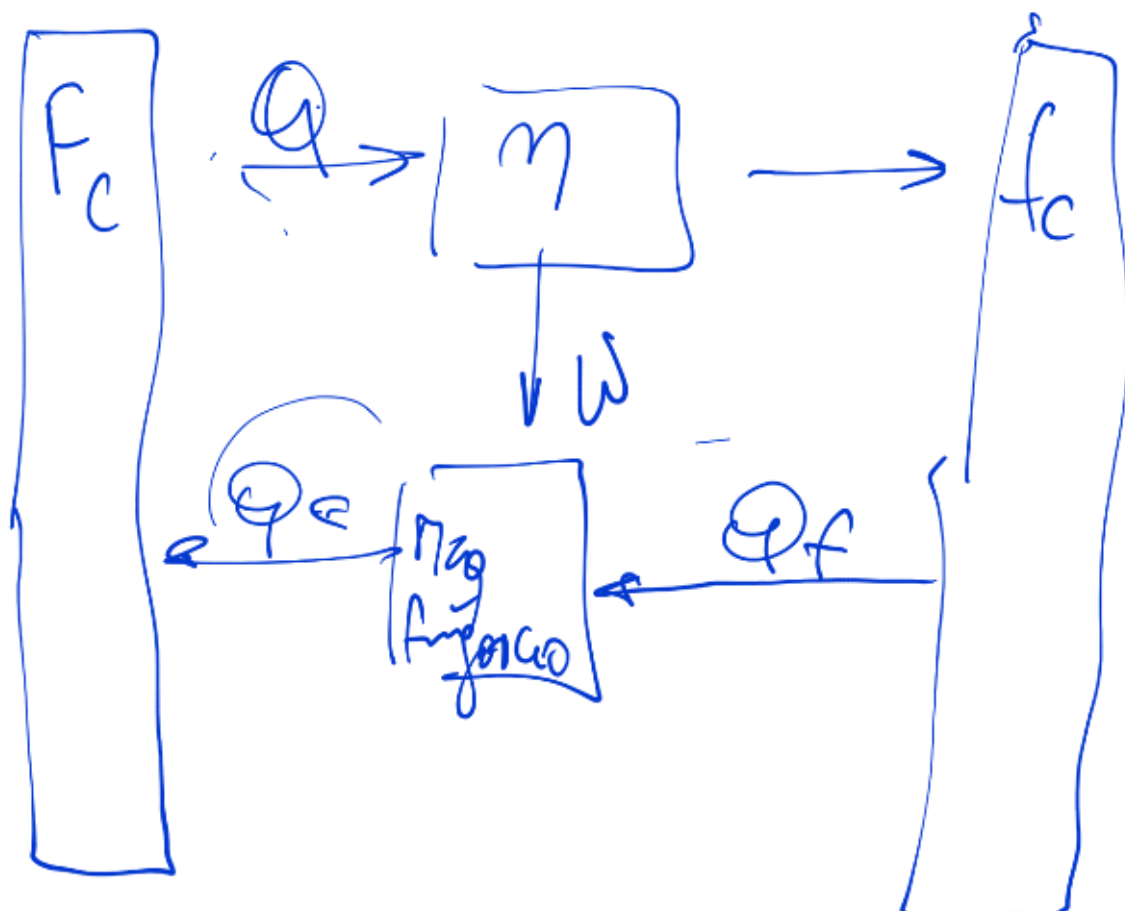
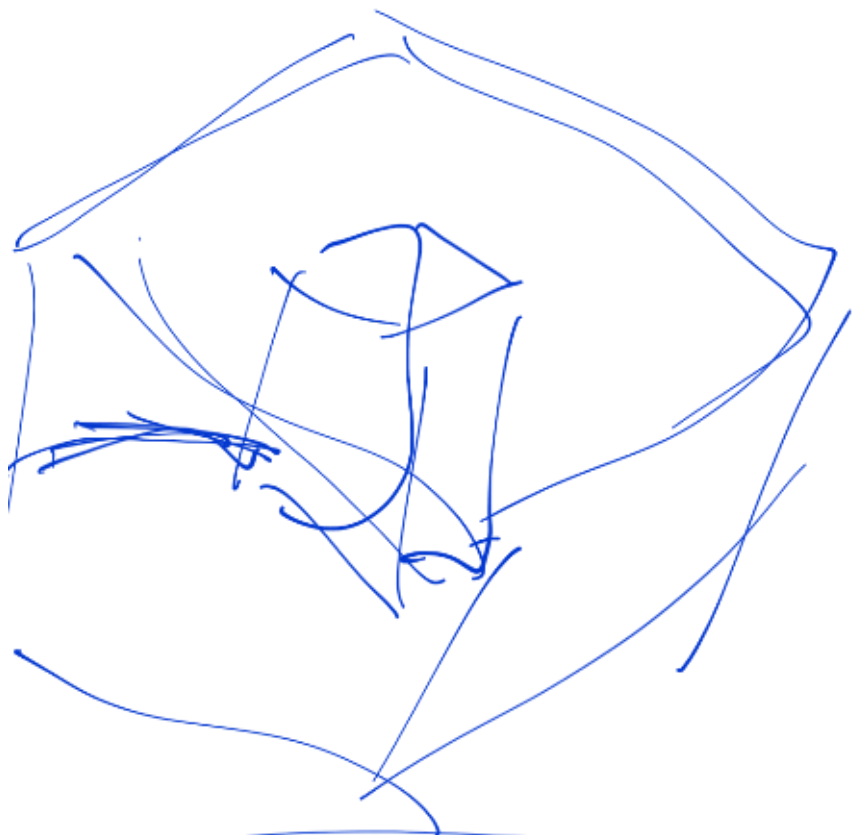
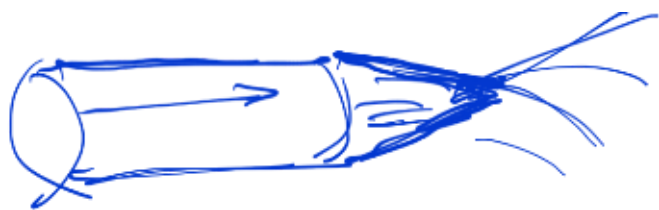
$\approx 6 \text{ eV}$.

(300 nm y ~~longer~~)



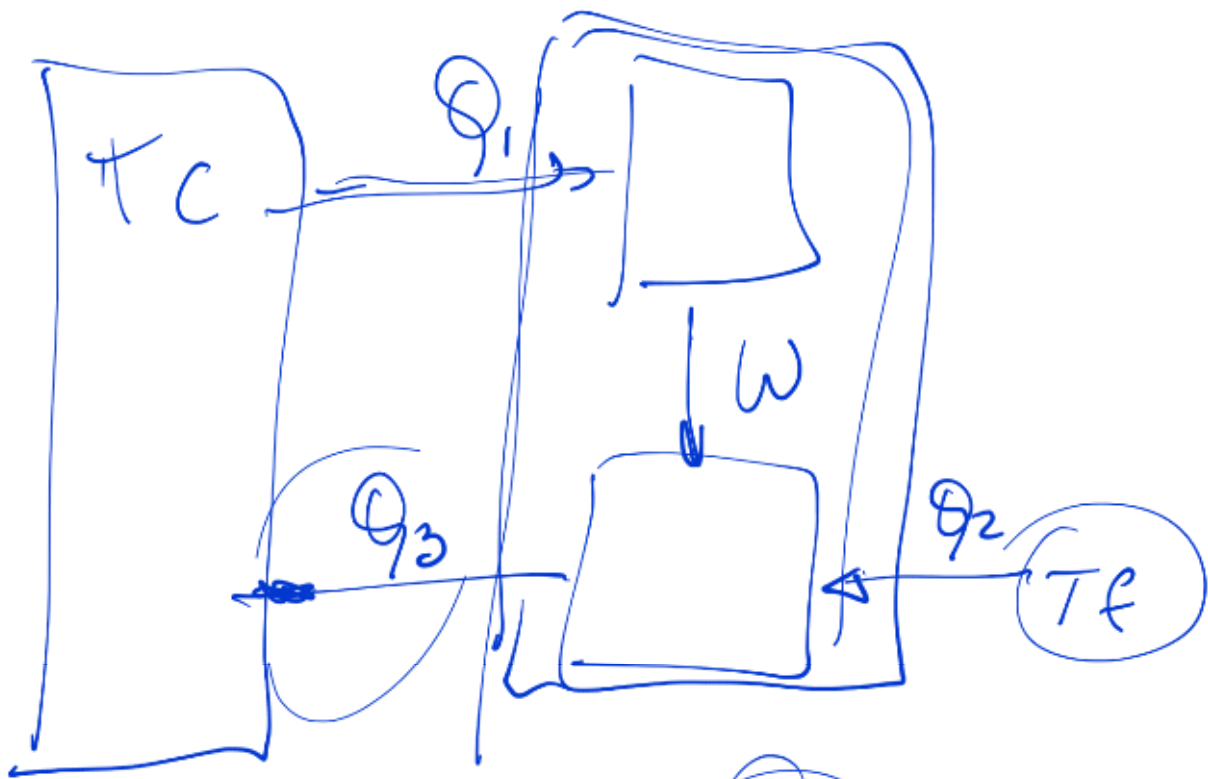
HFC





$$\eta = W/Q \Rightarrow W = \eta Q$$

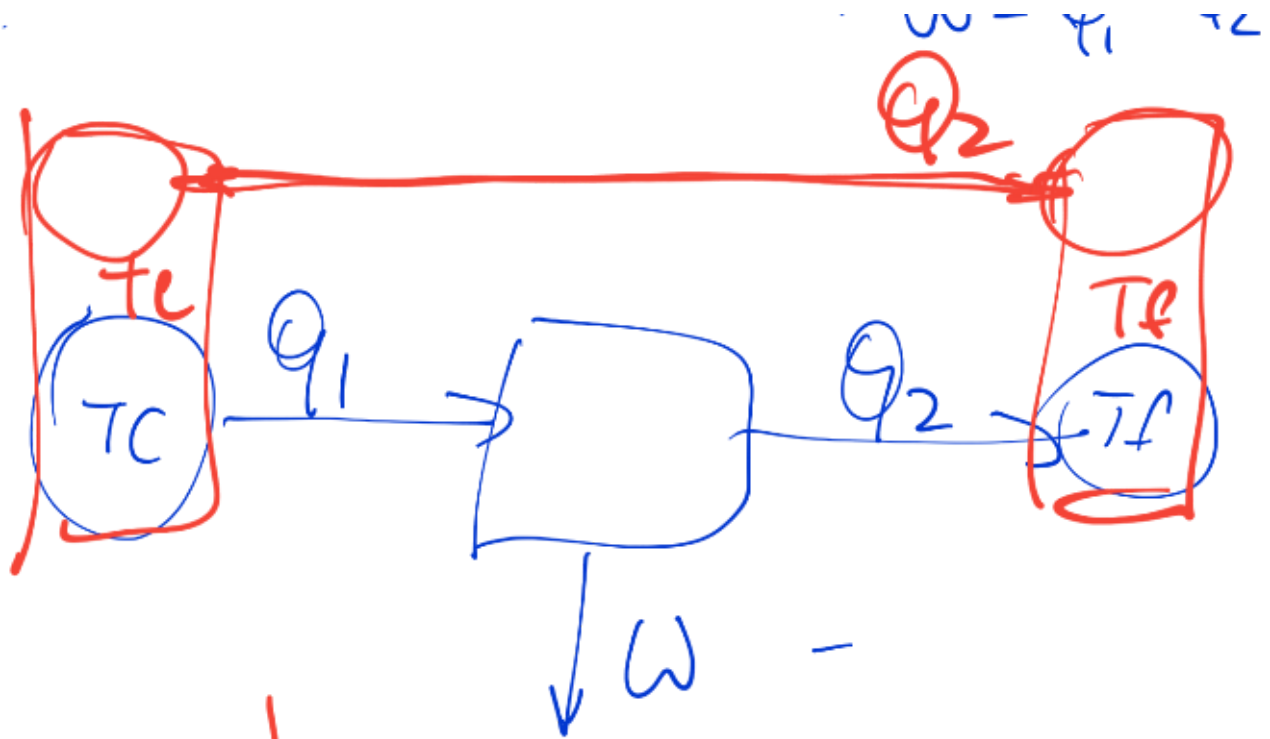
$$\eta = 1 - \frac{Q_{out}}{Q_{in}} \leq 1 - \frac{T_f}{T_c}$$



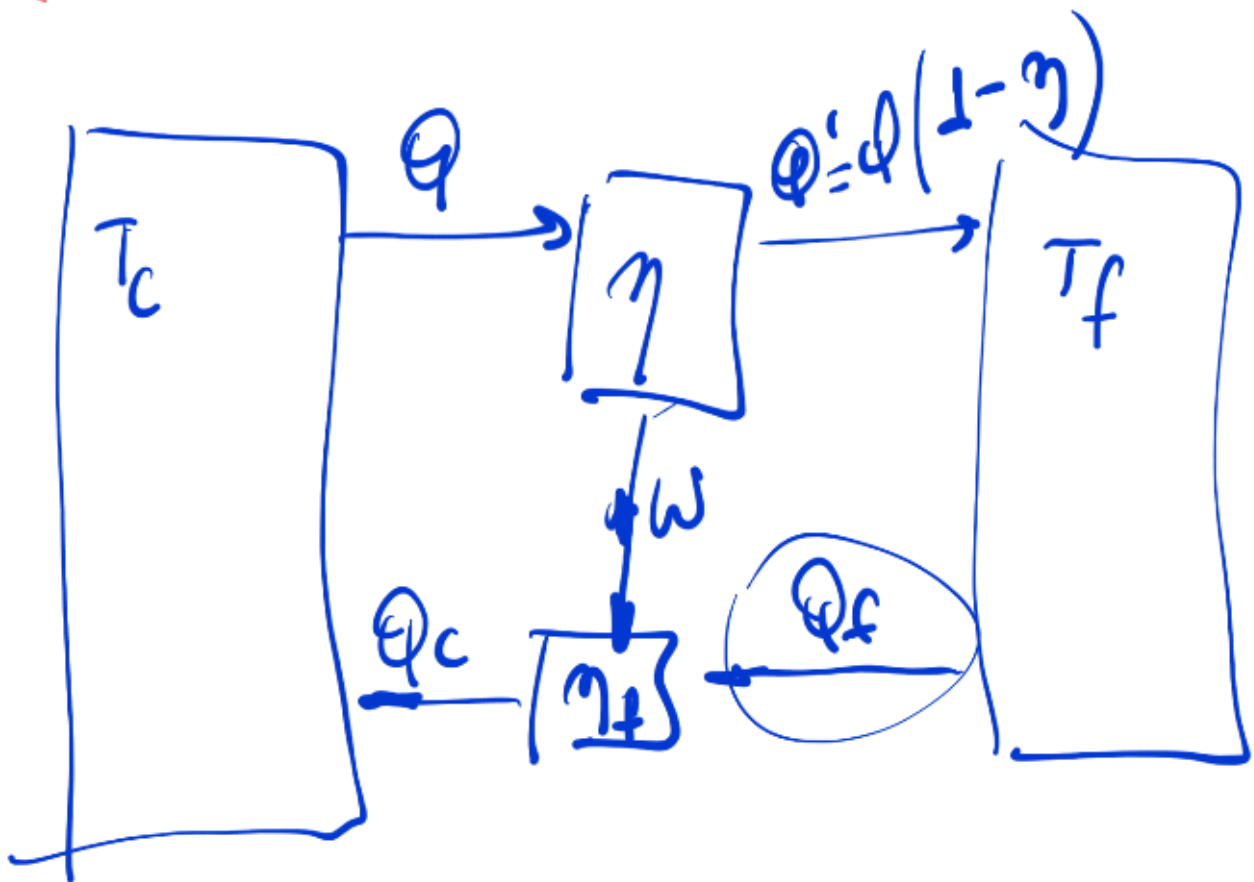
$$Q_3 = W + Q_2 \rightarrow Q_3 = Q_1 + Q_2$$

$$Q_2 = Q_3 - Q_1$$

$$\Rightarrow 1.1 = 1 - Q_2$$



$$(Q_1 - Q_2) = W$$



$$Q = W + Q' \quad (W = \eta Q) \Rightarrow Q' = Q - W$$

$$\Rightarrow Q' = Q - \eta Q \Rightarrow Q' = Q(1 - \eta)$$

$$Q_c = W + Q_f \quad \eta_f = W / Q_c$$

$$Q_c = W / \eta_f \Rightarrow \boxed{Q_c = \frac{\eta}{\eta_f} Q}$$

$$Q_c = W + Q_f \Rightarrow Q_c = \eta_f Q_c + Q_f$$

$$\Rightarrow Q_f = Q_c - \eta_f \cdot Q_c = Q_c(1 - \eta_f)$$

$$\Rightarrow Q_f = \frac{\eta Q}{\eta_f} (1 - \eta_f)$$

$$Q_f = \eta Q \left(\frac{1}{\eta_f} - 1 \right)$$

Le bon hôte client

Q

Q_c

$$\begin{aligned} \Delta Q_c &= Q_c - Q \\ &= \frac{\eta}{\eta_f} Q - Q \end{aligned}$$

$$\Delta Q_c = Q \left(\frac{\eta}{\eta_c} - 1 \right)$$

Bei hundert fra.:

$$\left(1 - \eta/Q \right) \\ \eta Q \left(\frac{1}{\eta_c} - 1 \right)$$

$$\Delta Q_f = \eta Q \left(\frac{1}{\eta_c} - 1 \right) - (1 - \eta)Q$$

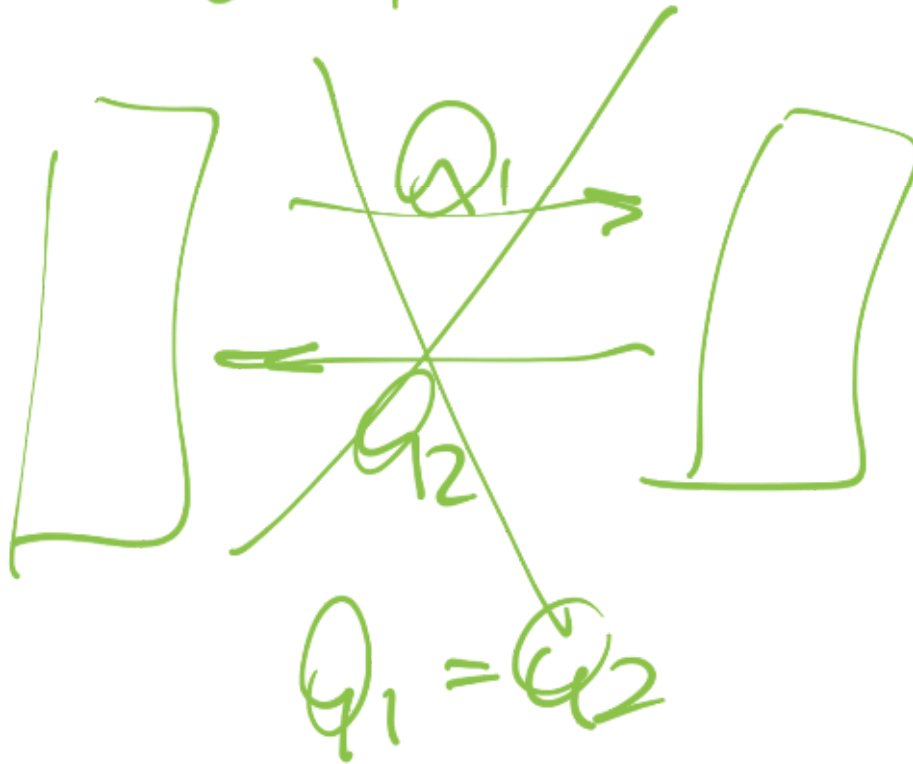
Milzgr.

$$\Delta Q_f = -Q \left(\eta/\eta_c - 1 \right)$$





$$Q_c = Q$$



Última modificación: 22:46