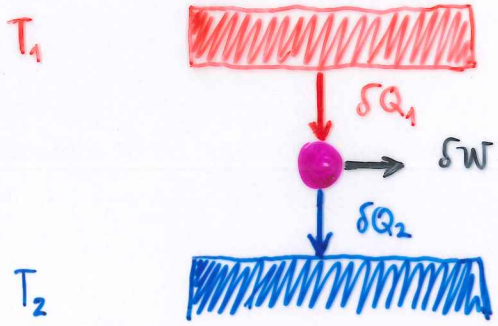

$C_p = a + bT$

$$\delta W = \delta Q_1 - \delta Q_2$$

$$\int \delta W = \int \delta Q_1 - \int \delta Q_2 \Rightarrow \boxed{W = Q_1 - Q_2}$$

HAUXE DA KALKULATU BEHARREKOA

$$\delta Q_2 = T_2 \, dS_2$$

$$\boxed{dS_0 = 0} \Rightarrow dS_0 = dS_1 + dS_2 \Rightarrow -dS_1 = dS_2$$

BALDINTZA!!

$$\left.\begin{array}{l} \boxed{\delta Q_2 = -T_2 \, dS_1} \\ \end{array}\right\}$$

$$dS_1 = \frac{C_{p_1}}{T_1} dT_1$$

$$\delta Q_2 = -T_2 \frac{C_{p_1}}{T_1} dT_1 \Rightarrow \boxed{Q_2 = -T_2 \int \frac{C_{p_1}}{T_1} dT_1}$$

ALDAGAI ALDAKORRA

$$\delta Q_1 = C_{p_1} dT_1 \Rightarrow \boxed{Q_1 = \int C_{p_1} dT_1}$$

ALDAGAI ALDAKORRA

$$\boxed{W = \left[\int C_{p_1} dT_1\right] - \left[-T_2 \int \frac{C_{p_1}}{T_1} dT_1\right]}$$

EMAN DIGUTEN DATUA (C_{p_1}) ORDEZKATU !!!

$$\int C_{p_1} dT_1 - \left[-T_2 \int \frac{C_{p_1}}{T_1} dT_1\right]$$

$$C_{p_1} dT_1 = -\delta Q$$

$$\left(1 - \frac{T_2}{T_1}\right)(-\delta Q)$$

* BAINO GUZTIAK POSITIBOAK DIRA, BADAKI GUZTIAKO ZEIN NORANZKOTARDAK DIREN !!! (GEZIAK)