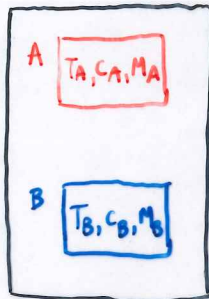
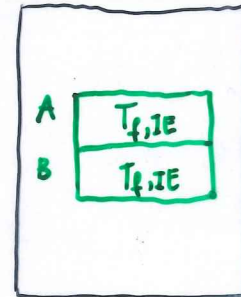
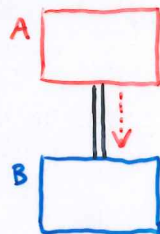


BI SISTEMEN ARTEKO TEMPERATURA-DIFERENTZIA : LANA EGITEKO APROBENA DAITEKE  
 SISTEMEN OREKA-ESPERA : ESPERA TERMIKOA; TEMPERATURA

(i) KONTAKTU TERMIKO "ARRUNTA" : ESKUA SARTU GABE ITZULEZINA



(i)



(f)

$$Q_{osoa} = Q_A + Q_B ; Q_{osoa} = 0 \Rightarrow Q_A + Q_B = 0 \rightarrow T_f, IE$$

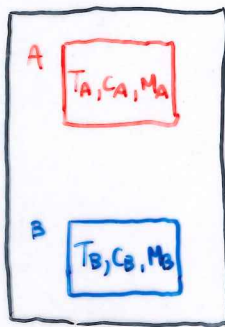
$$\Delta S_{osoa} = \Delta S_A + \Delta S_B ; \Delta S_{osoa} > 0 \Rightarrow \Delta S_A + \Delta S_B > 0$$

$$Q_i = \int_{T_i}^{T_f, IE} C_i dT_i$$

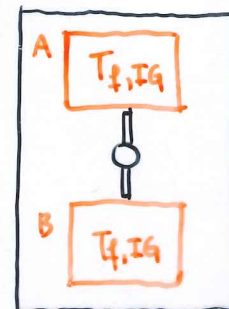
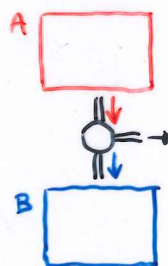
$$\Delta S_i = \int_{T_i}^{T_f, IE} \frac{C_i}{T_i} dT_i$$

$$\left. \begin{array}{l} \\ \end{array} \right\} i = A, B$$

(ii) KONTAKTU TERMIKO "BEREZIA" : ESKUA SARTUZ ITZULGARRIA



(i)



(f)

$$Q_{osoa} = Q_A + Q_B ; Q_{osoa} \neq 0 (\equiv W_{max}) \Rightarrow Q_A + Q_B < 0 \rightarrow T_f, IG$$

$$\Delta S_{osoa} = \Delta S_A + \Delta S_B ; \Delta S_{osoa} = 0 \Rightarrow \Delta S_A + \Delta S_B = 0$$

$$Q_i = \int_{T_i}^{T_f, IG} C_i dT_i$$

$$\Delta S_i = \int_{T_i}^{T_f, IG} \frac{C_i}{T_i} dT_i$$

$$\left. \begin{array}{l} \\ \end{array} \right\} i = A, B$$