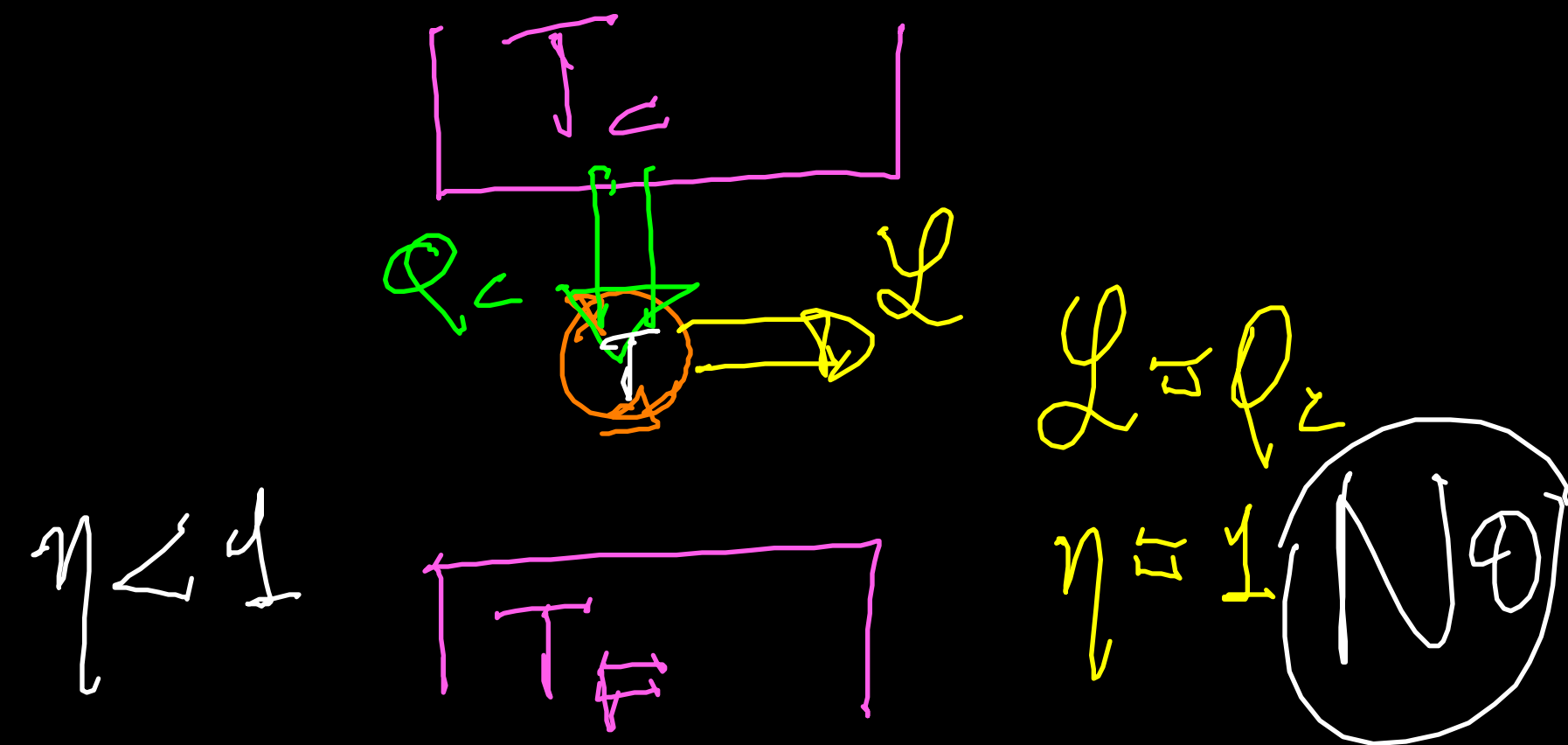
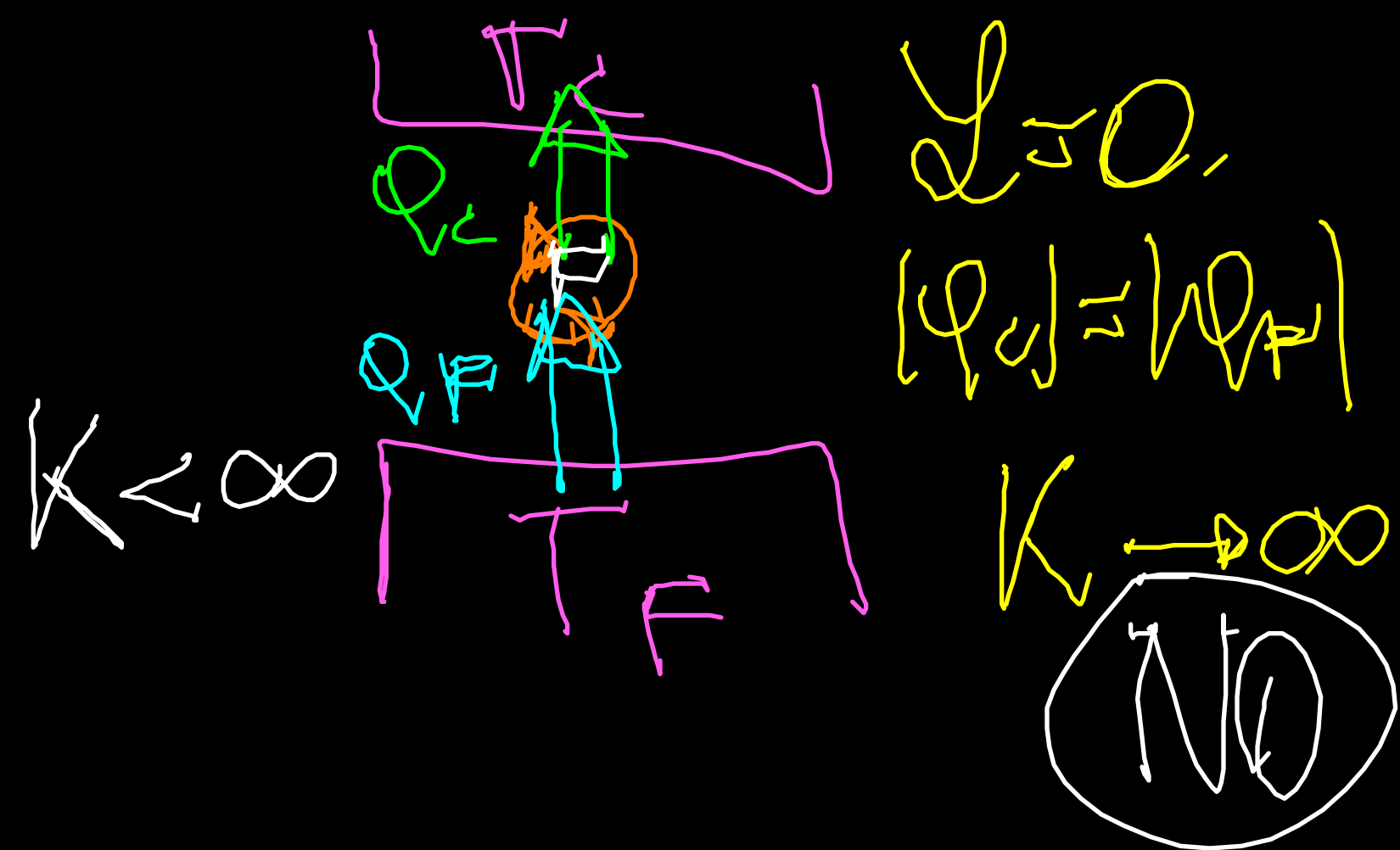


SECONDO PRINCIPIO DELLA TERMODINAMICA

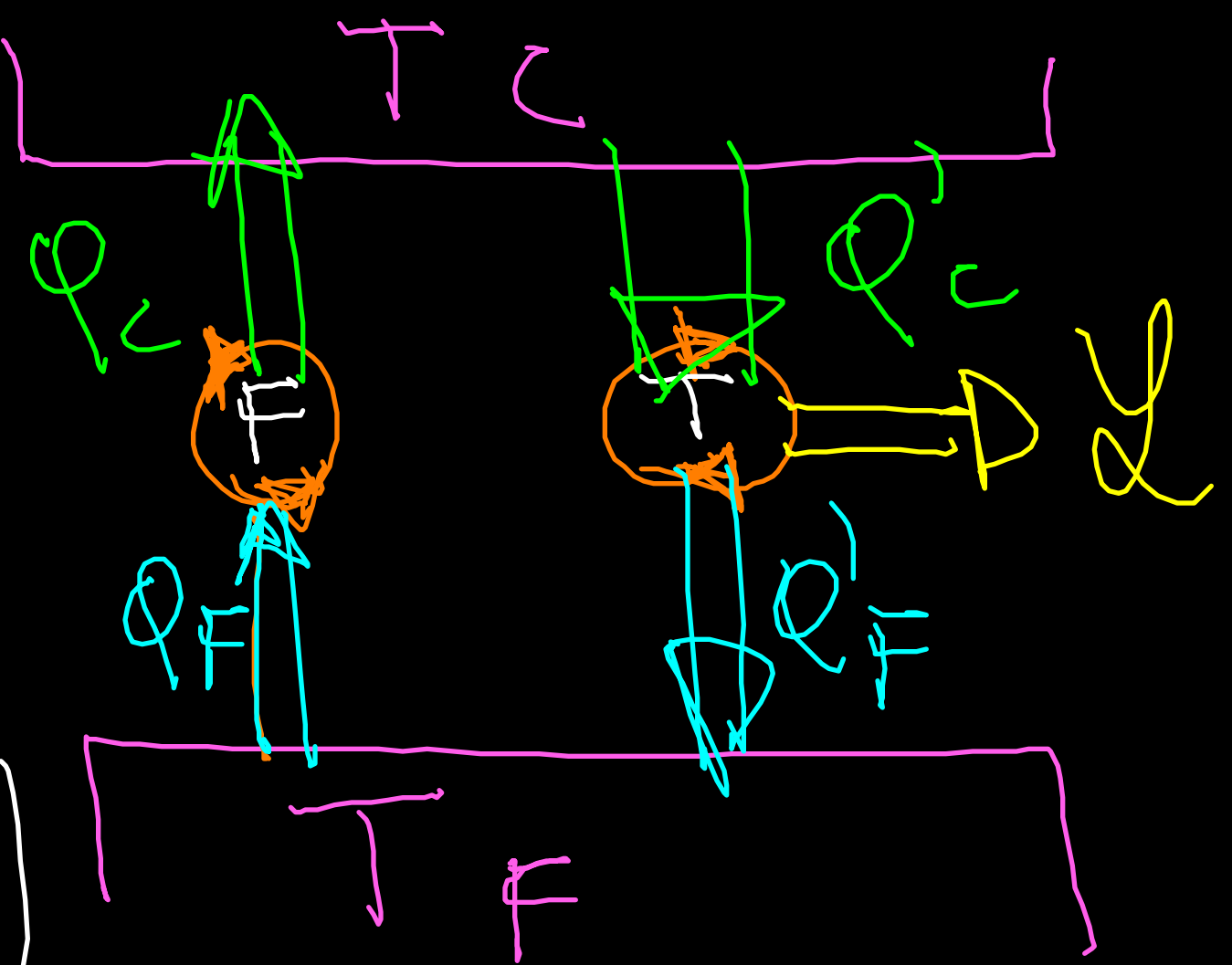
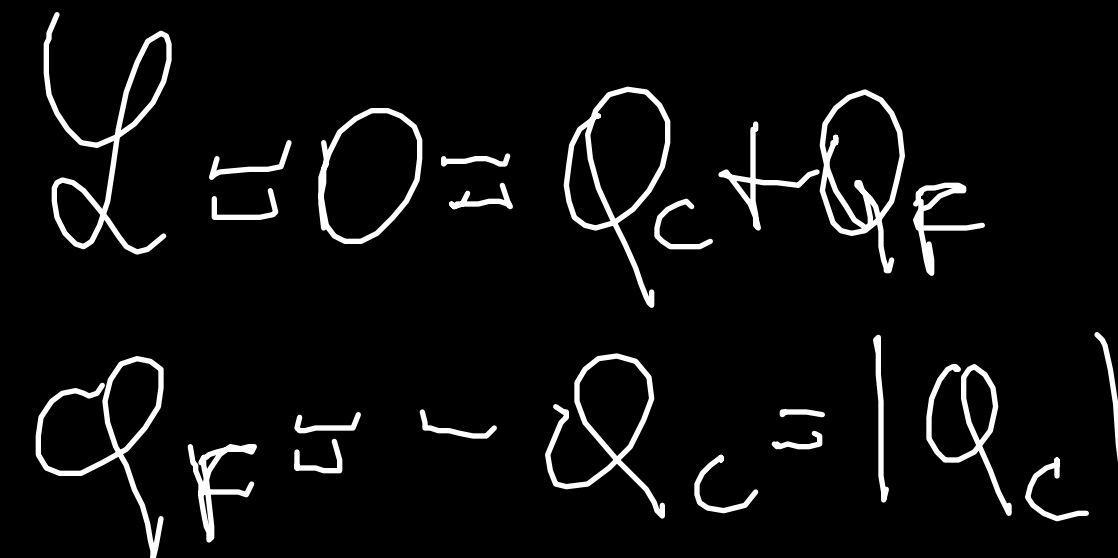
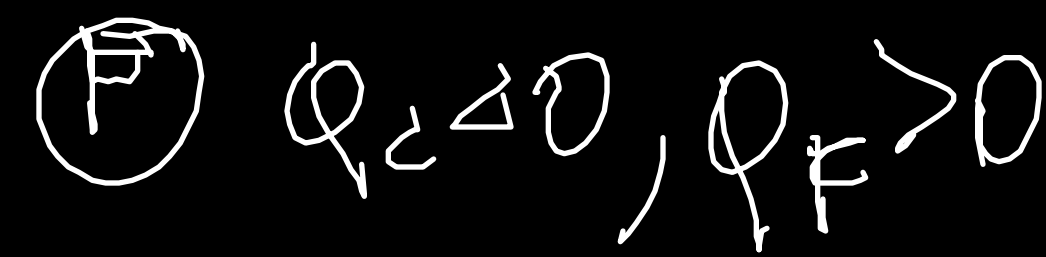
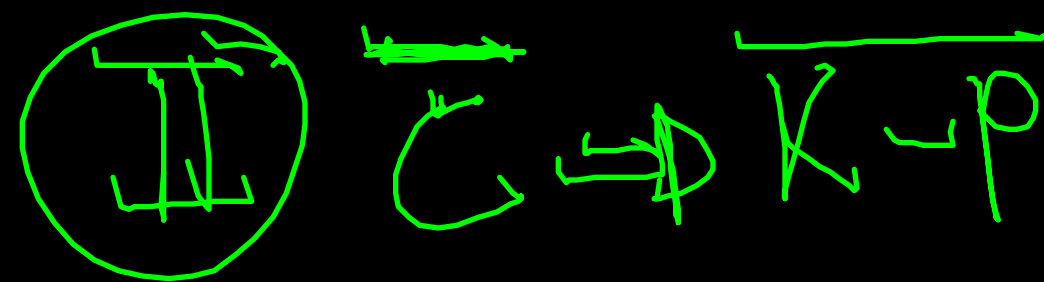
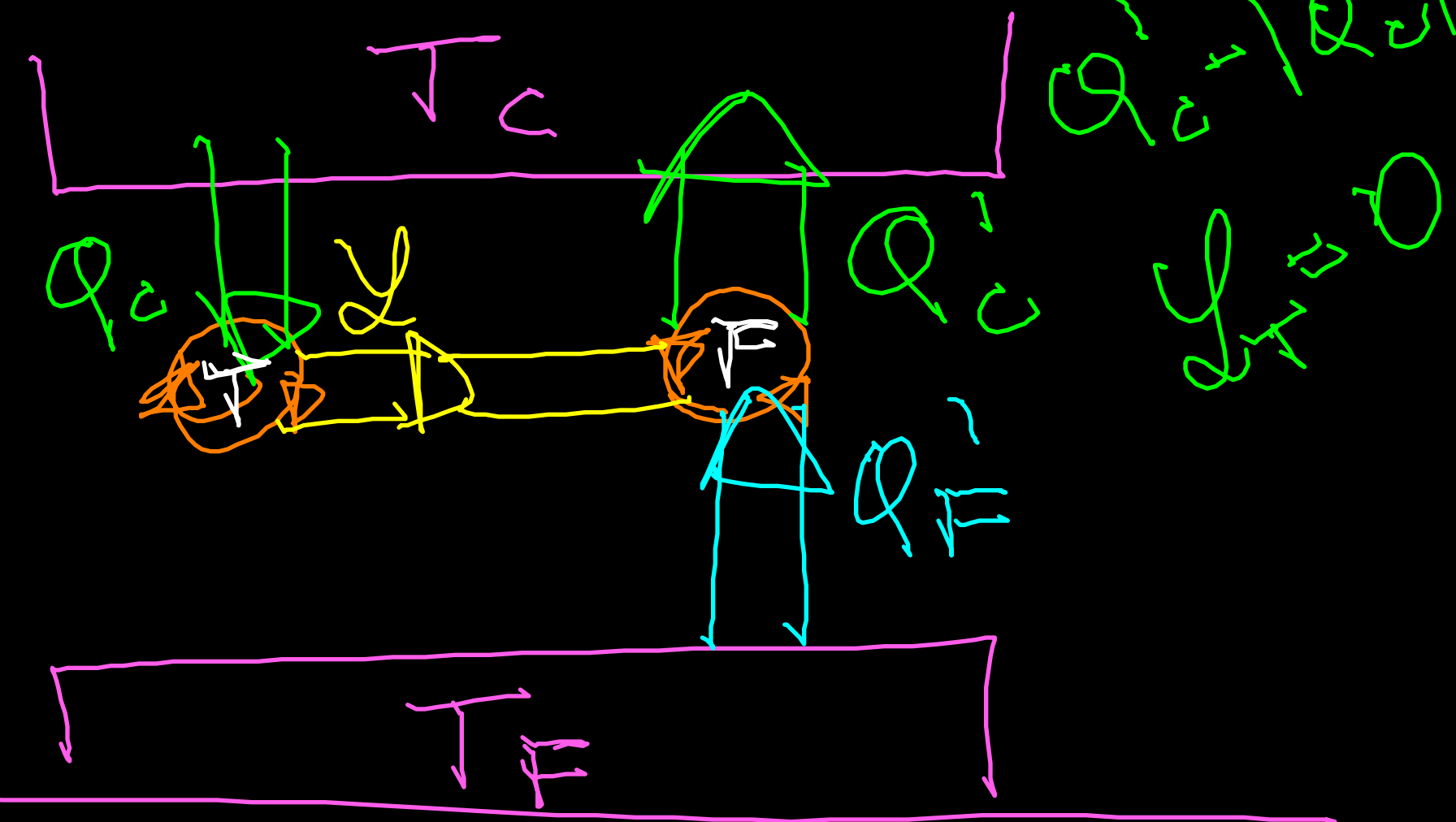
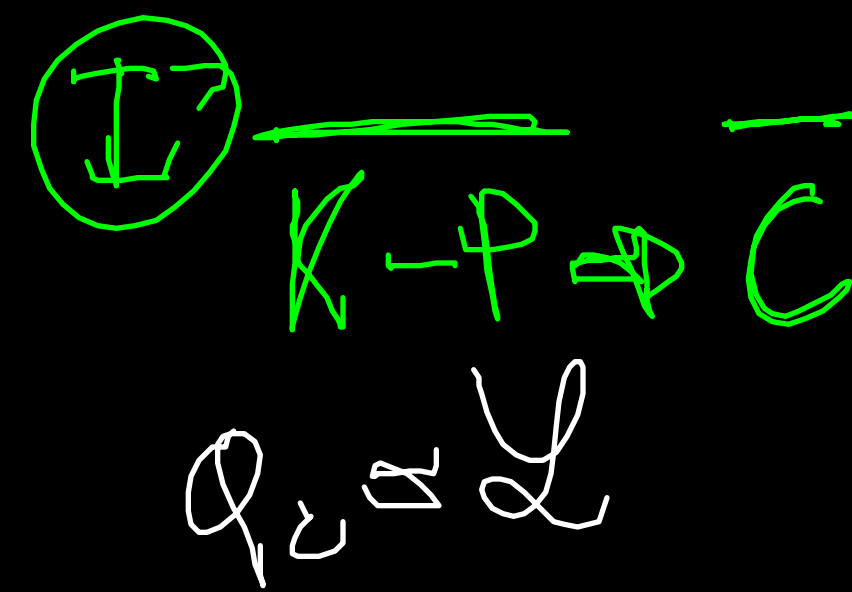
KELVIN - PLANCK



CLAUSIUS



EQUVALENZA K-P \leftrightarrow C

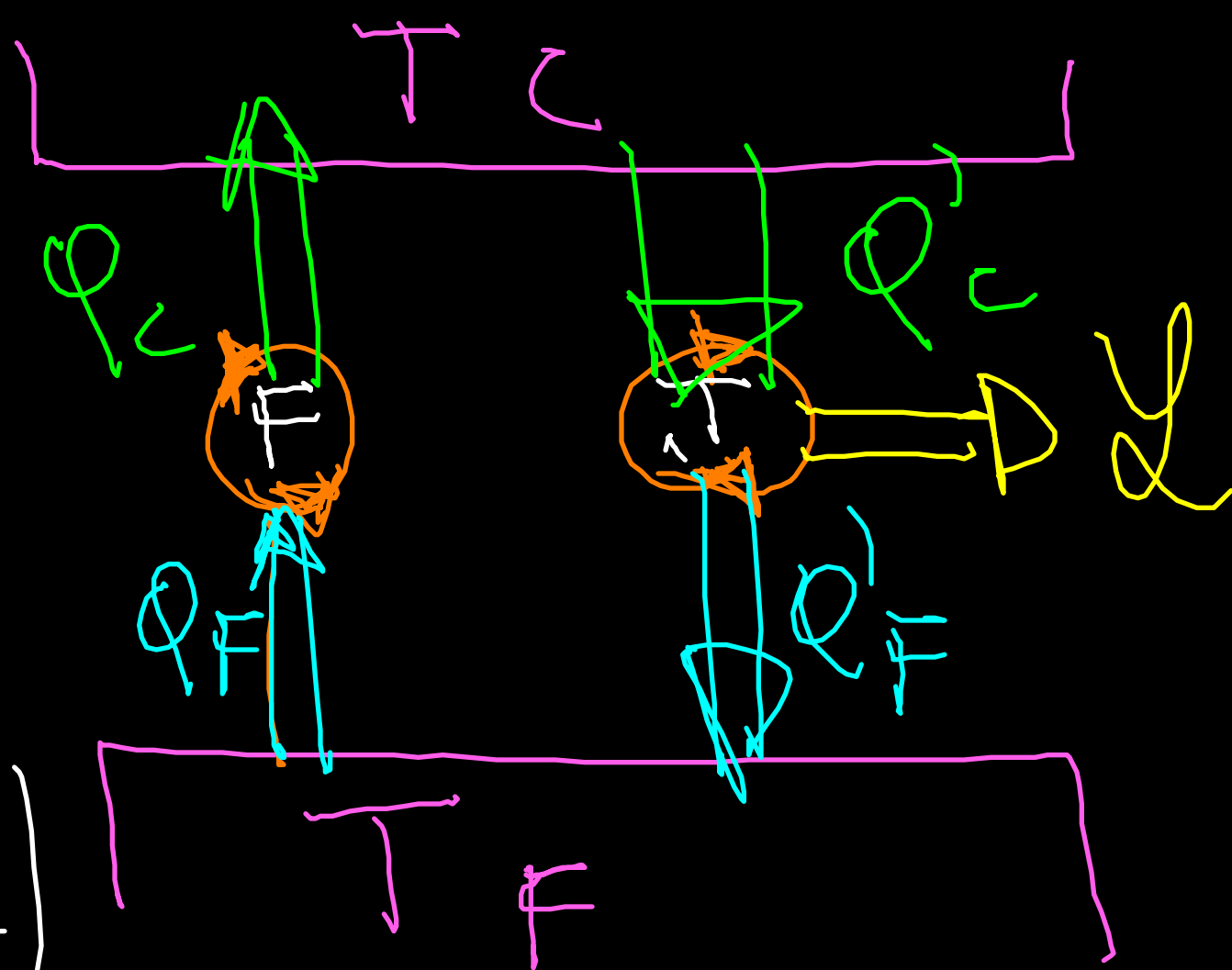


II $C \rightarrow K-P$

(F) $Q_C < 0, Q_F > 0$

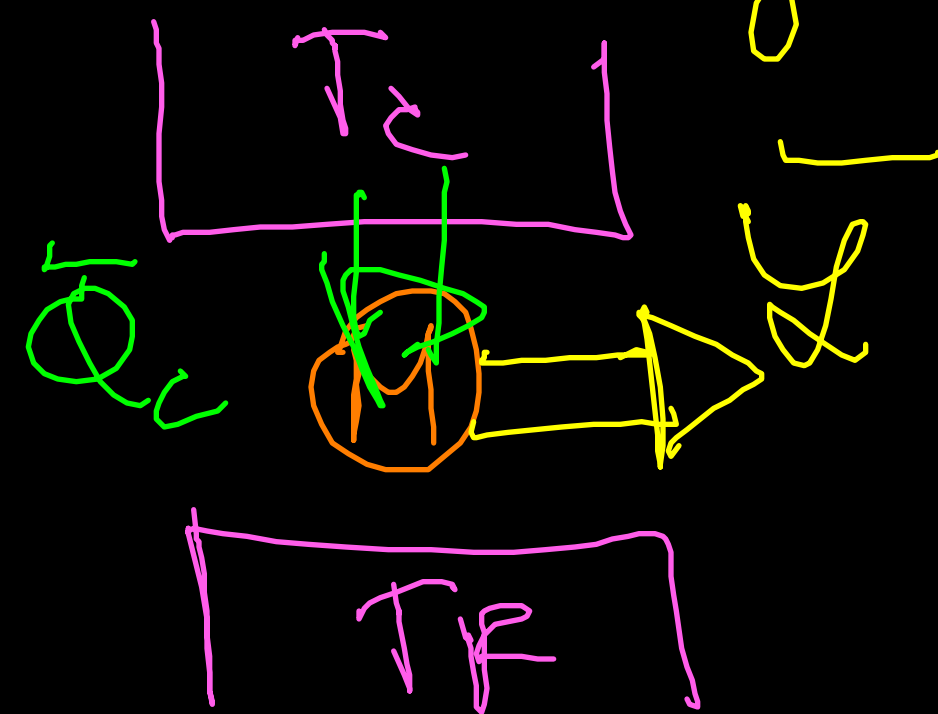
$L = 0 = Q_C + Q_F$

$Q_F = -Q_C = |Q_C|$



(T) $L = Q'_C + Q'_F > 0$

$Q'_C > 0, Q'_F < 0$



Per la macchina globale (F) + (T)

$L = Q_C + Q'_F = Q_C$

$Q'_F = Q_F + Q'_F = 0$

$Q_F = -Q'_F = |Q'_F|$
 uguale la macchina

$K-P$

