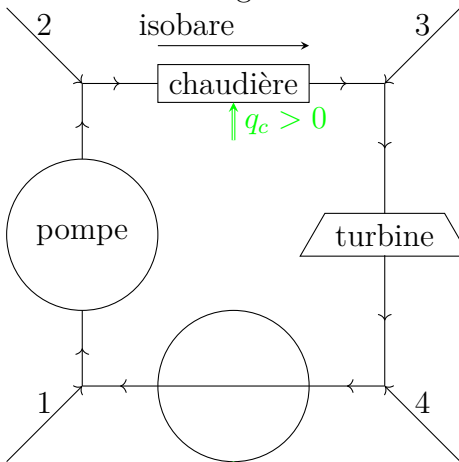


liquide à
 $P_2 > P_1, T_2 \approx T_1$

Vapeur sèche
 $T_3 > T_{cb}(P_2), P_2$

compression
isentropique

$w_p > 0$



liquide juste saturant
 $T_1, P_1 = P_{\text{sat}}(T_1)$

condenseur
condensation
totale isobare

Système diphasé (l+g),
 $x_4, T_4 = T_1,$
 $P_4 = P_{\text{sat}}(T_1) = P_1$