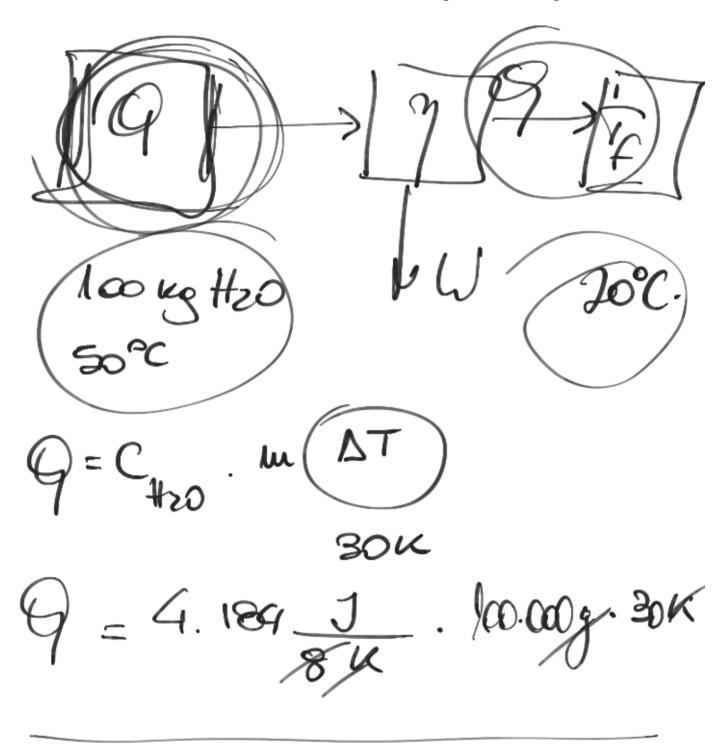
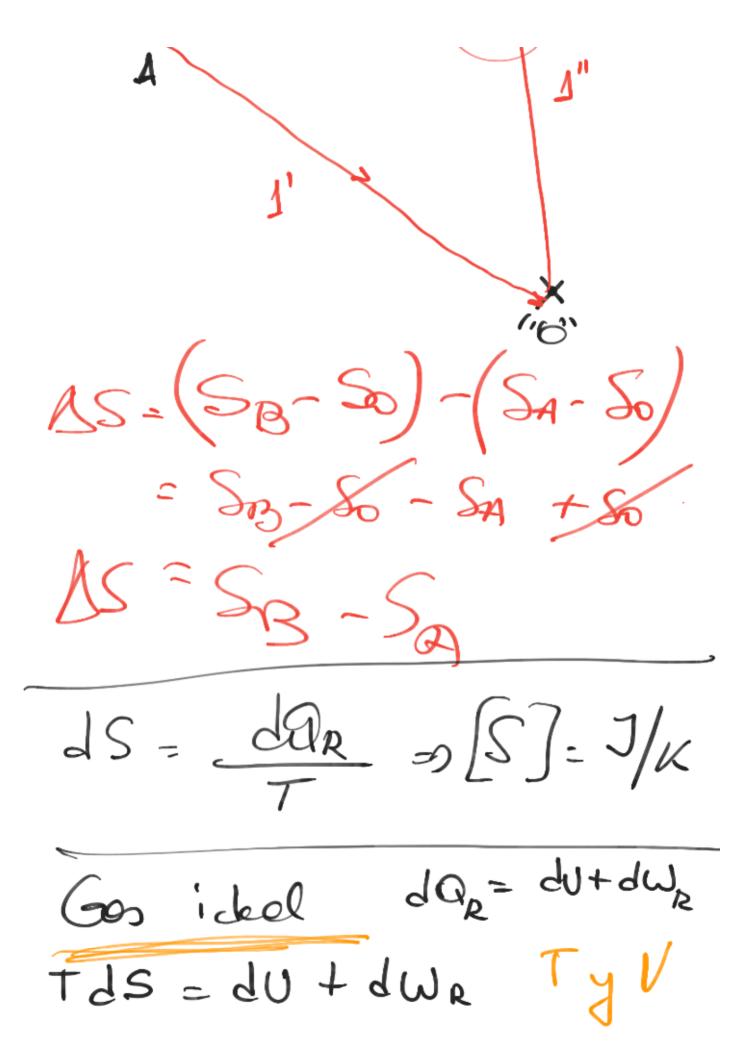
f3b-20190502-U03C04-Entropia-2_apuntes





1.1 ~ ~ 1 1 1./

$$dU = CV \cdot IC \cdot CWR = p dV$$

$$T dS = CV \cdot IC \cdot T + p dV + \frac{1}{T} \cdot \frac{R}{V}$$

$$dS = CV \cdot IC \cdot T + n \cdot R \cdot \frac{dV}{V}$$

$$\int_{A}^{B} dS = \int_{A}^{B} n \cdot G \cdot \left(\frac{dT}{T}\right) + \int_{A}^{B} n \cdot R \cdot \left(\frac{W}{V}\right)$$

$$AS = S_{B} - S_{A} = n \cdot CV \cdot LU \cdot \left(\frac{T_{O}}{T_{A}}\right) + n \cdot R \cdot \frac{LV_{B}}{V_{A}}$$

DS= nCV lu Tafa + nR lu Va/VA

PV= nRT -D V= NRTP

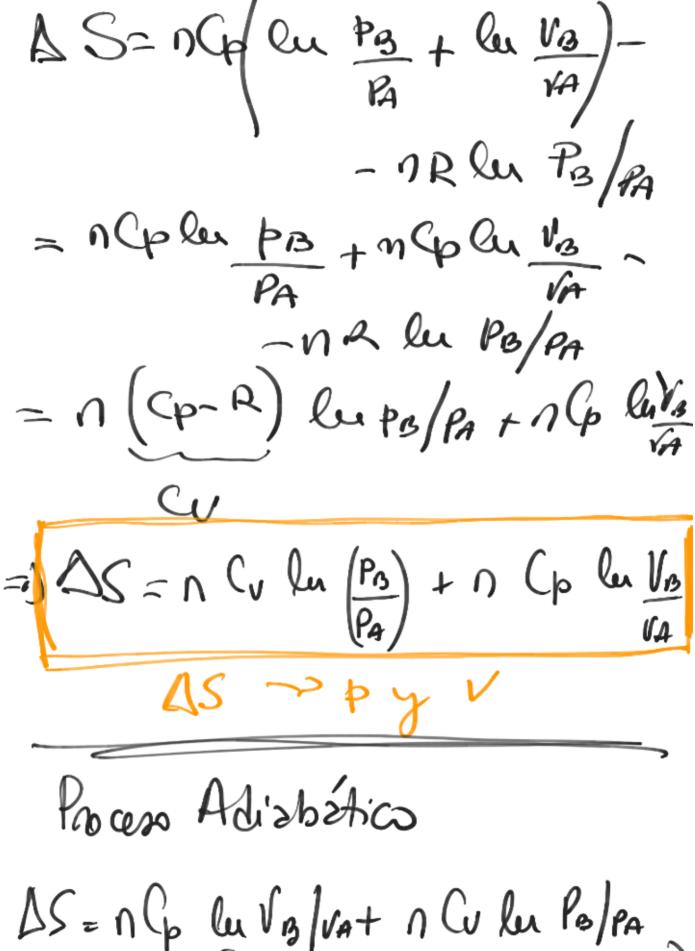
lu VB = lu proto / PB

ggta/PA

= lu To . PA) = lu PA

= lu PA

DS-NRT =D T= pV/nR AS-nCplu (PBVB/AR)-NRlubo PAVA/AR)



DS=nCpluVg/va+nCuluPo/PA DS=nCr/Cop Qu Vo + lee P3)

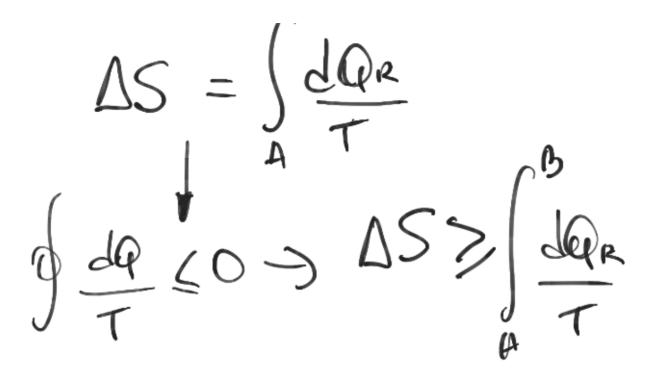
CVY $\left(\frac{\Delta S}{nCV}\right) = lu\left(\frac{V_S}{V_A}\right)^{\gamma} + lu\left(\frac{P_S}{P_A}\right)$ = lu V3 + lu Pa nCv = lu (Pas Var) e (As/ncv) = PB VB =DPB1B = (SB-SA)/000 PA1A PB V3 = PA VA Un proceso elsistetus Verifica

gue SB=JA=U mi es isoenhops en proceso iso ou hopso Adistatses

$$f(x) = e^{-(x^2/2r) \cdot t}$$

$$\frac{1}{A} \exp \left(\frac{375 - 34}{nC_{p}} \right)$$

$$\frac{1}{A} \exp \left(\frac{375 - 34}{nC_{p$$



Última modificación: 15:52