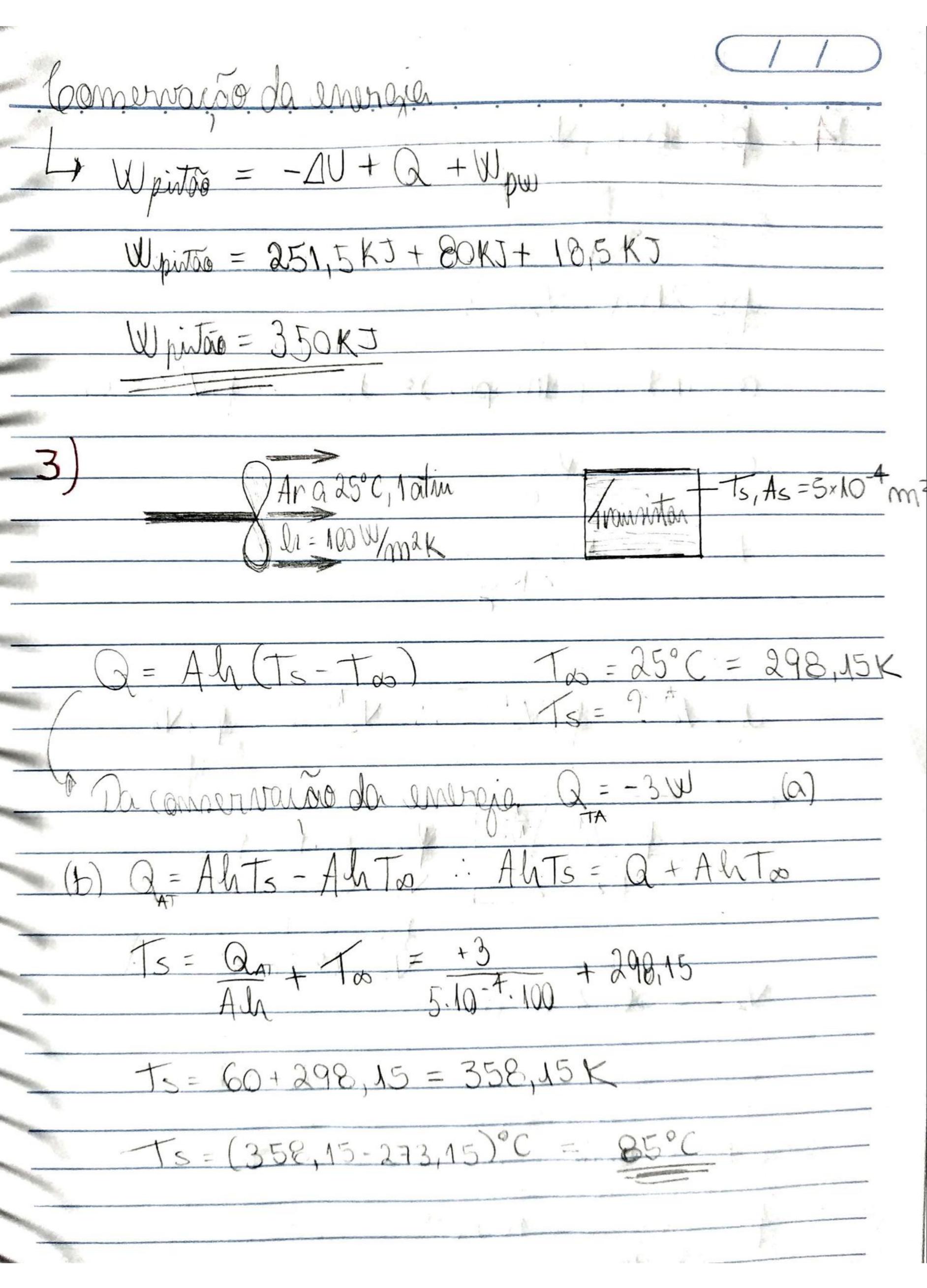
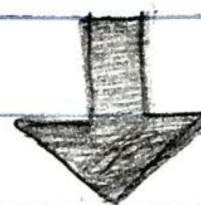
LISTA - PRIMETRA LET 1) P= 15KW = 15KJ/ Taxade perda y calor: 1,8 KW = 1,8 KJ E: Energia armazemada pela bateria 8 horos = (8 × 60) min = (8 × 60 × 60) s E= (15-1,8) x 103 (8 x 60 x 60) E=380.160.000,00 J=0,38409 J. 112 = 2659,6 KJ/Kg 6 mergia recelrida = BOKJ + 18,5KJ = 98,5KJ $U_1 = 5u_1 = 13.549,5 \text{ KJ}$ $U_2 = 5u_2 = 13.298,0 \text{ KJ}$ U2-U1= -251,5KJ



4- p.=8bar, V1=0,02m³



pz=2bar, Vz=?

on (indice politrópice) = 1,2 : pV1,2 = CTE

m = 0.25 Kg

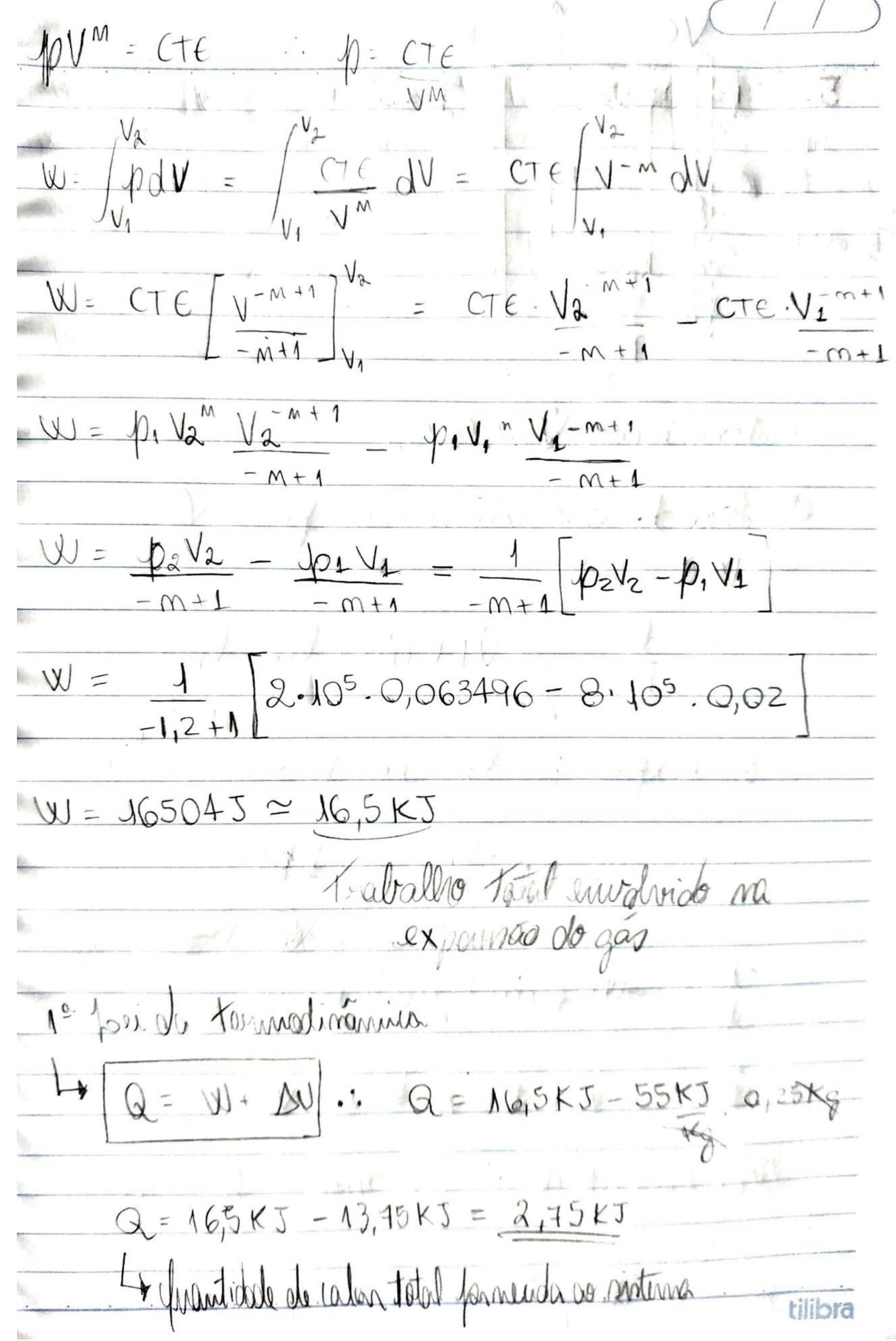
DSU=-55K5/Rg

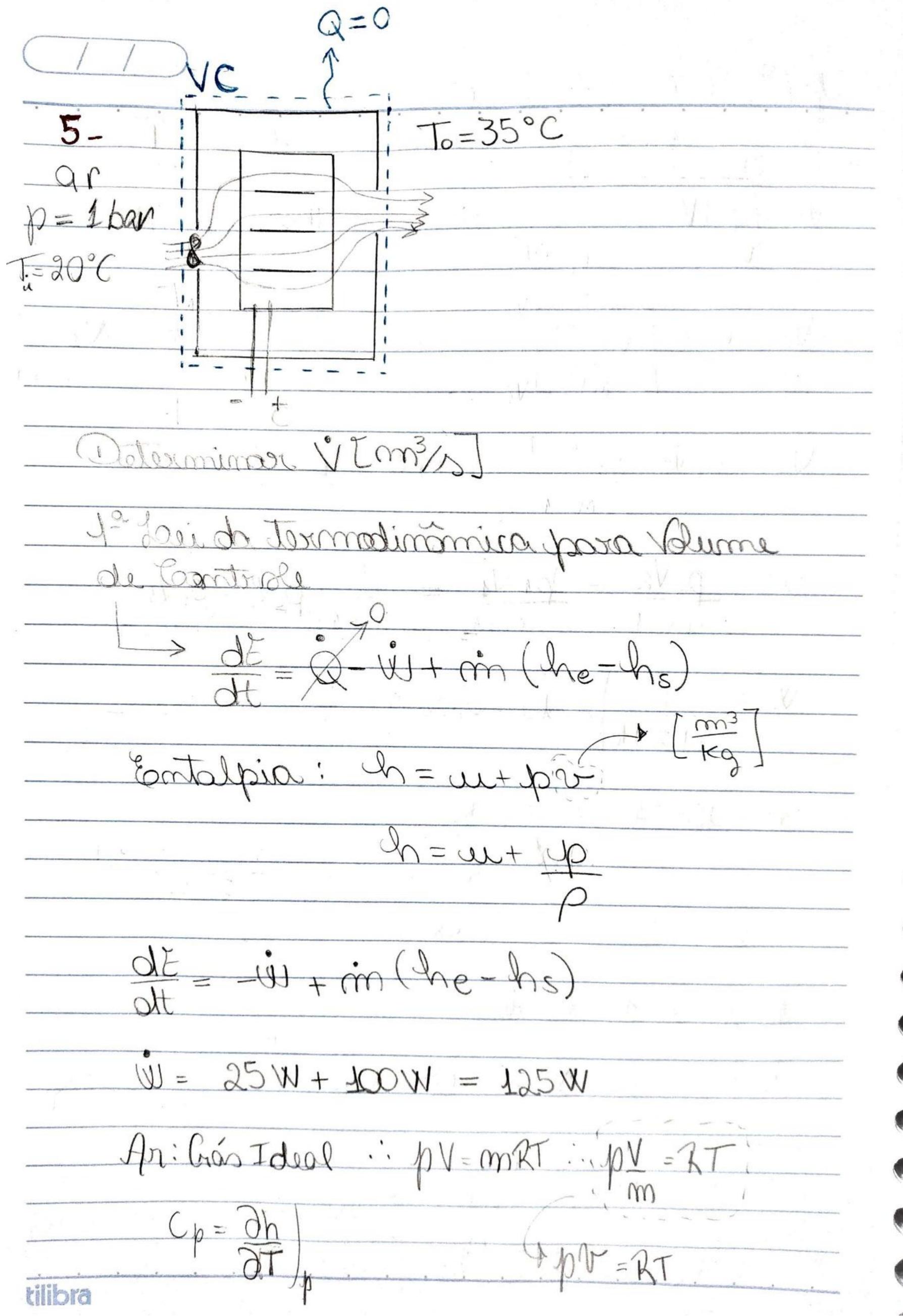
 $\psi_1 V_1^{1,2} = \psi_2 V_2^{1,2}$... $V_2^{1,2} = \psi_1 V_1^{1,2}$ ψ_2

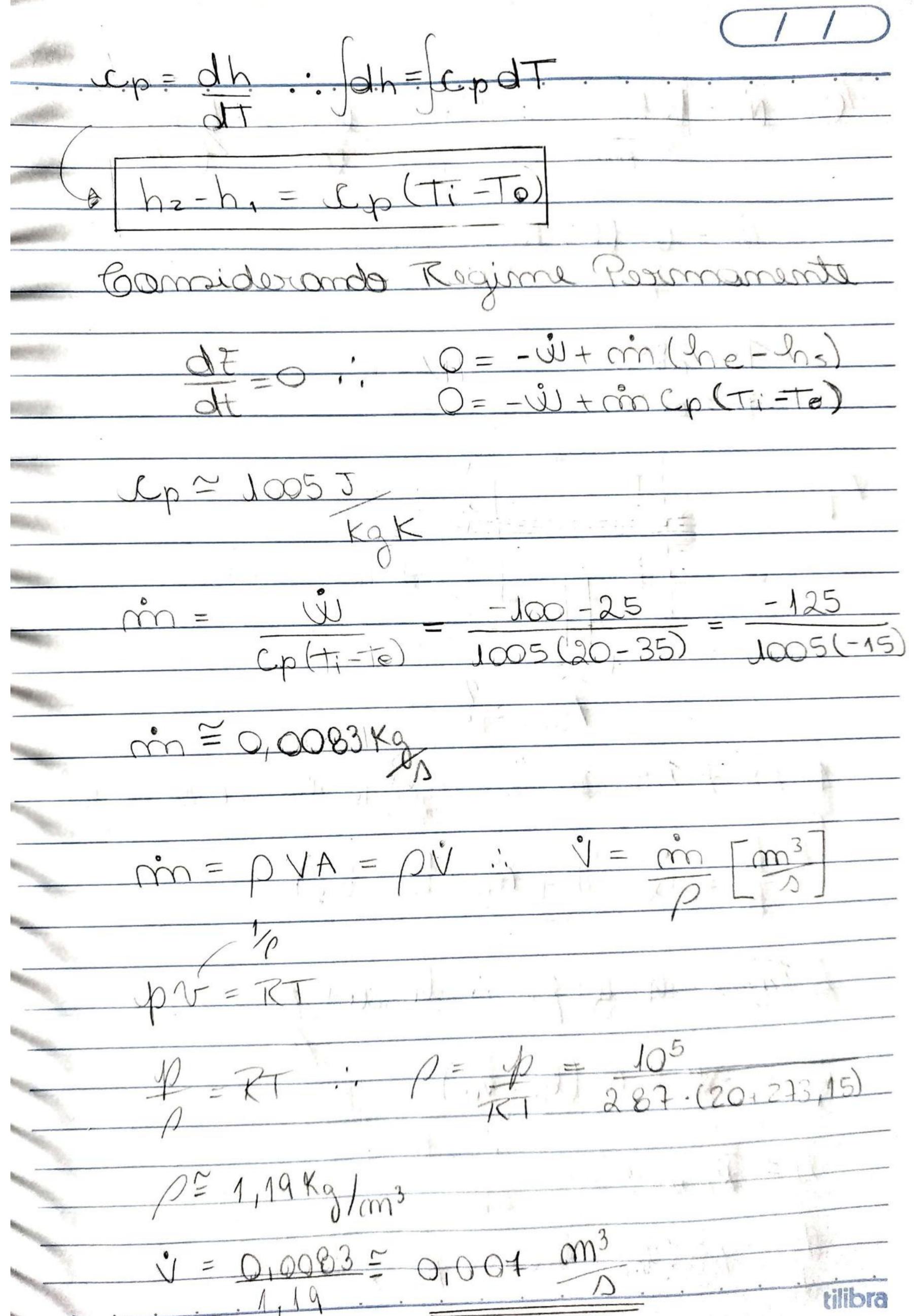
 $V_2 = \left(\frac{1}{2}, \frac{1}{1/2}\right)^{\frac{1}{1/2}}$ P_2

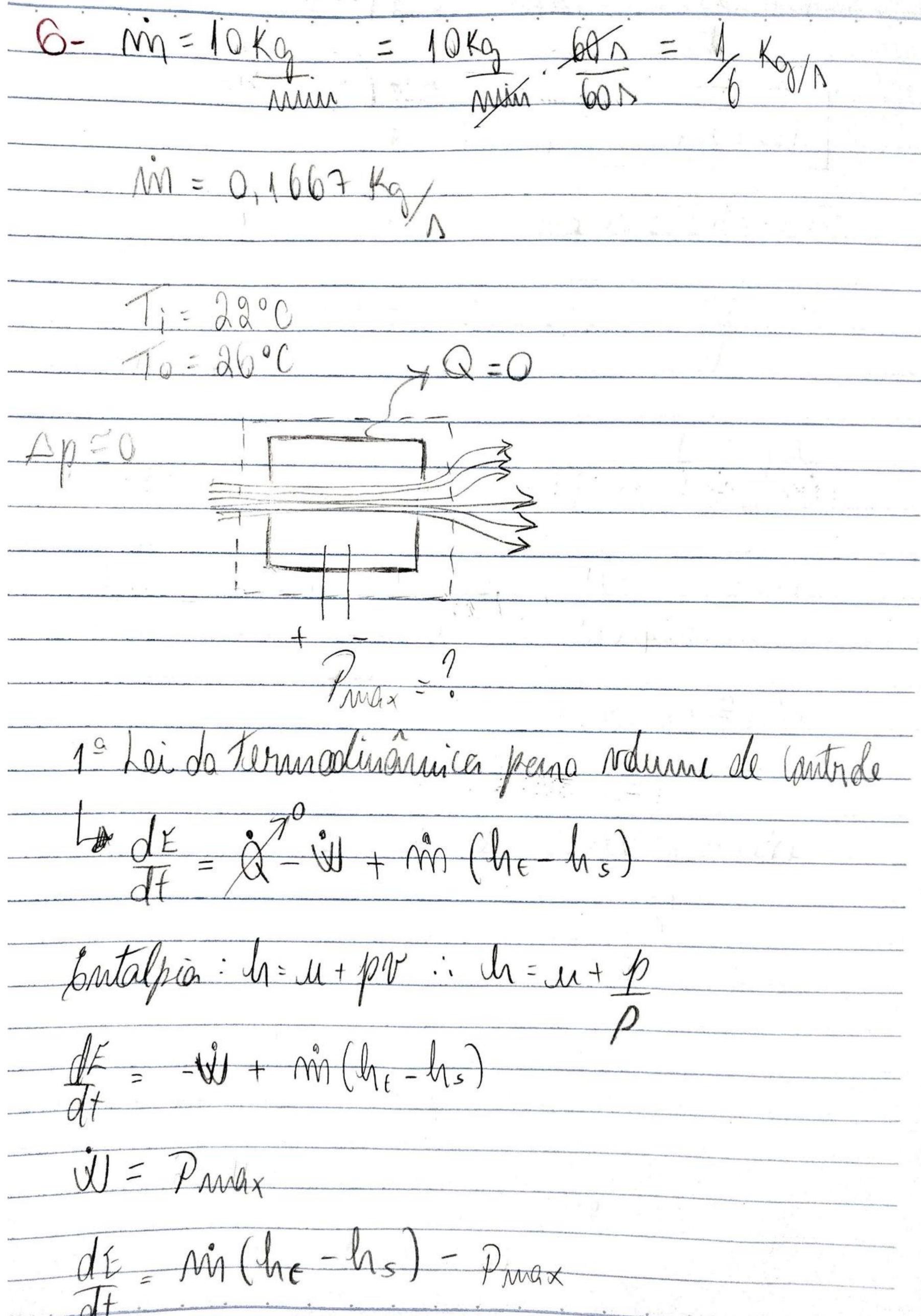
 $401 = 8.10^{5} Pa$ $1 = 0.02 m^{3}$ $40 = 2.10^{5} Pa$ $40 = 2.10^{5} Pa$ $40 = 2.10^{5} Pa$ $40 = 2.10^{5} Pa$

Vz=0,063496 m³









Considérande Régime Permanente dt o : Privax = Mi(hi-ho) Para ente cara dh-du= x (Ti-To) C = 4186 T/ 1h= ((22-26)=4186.(-4)=-16744 J Privax = 0,1667. (16744) = 2790,67 J Pmax ~ 2,8 KW

