Aufgabe 1

aus stationèrer Feicssprozess:

$$he = h_{f} + x_{D} (h_{5} - h_{f}) = 430,3253 (TAB A-2)$$

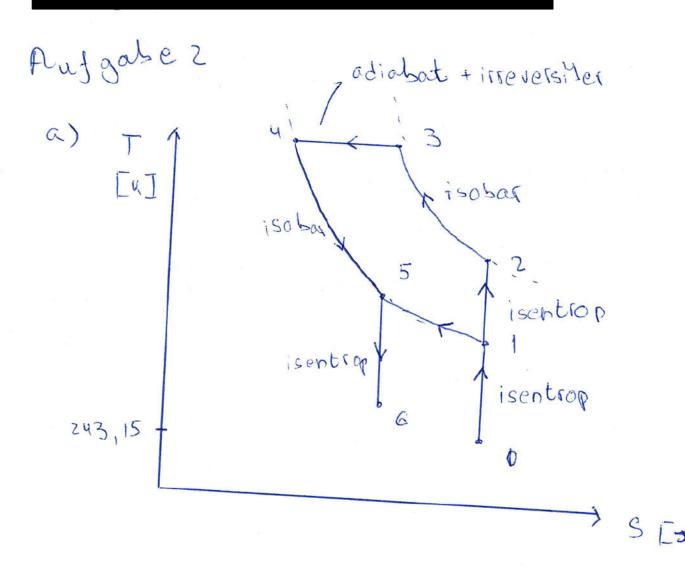
KF ist gesch cossenes System

$$= > \Delta S = \frac{\hat{Q}R}{\bar{T}_{IS}} + \hat{S}_{eff}^{O}$$

=> AU = 125,54455 UJ, (TAM A-2) ivoriges

Dues wasser = uf(20) - uf(20) = -208 mg (TABA-2)

=> m12. 209 = 125,5445. mges => m, z = 3456, 9489 kg



$$w_5 = 220 \frac{m}{5}$$
 $P_0 = P_c = 0.191 \text{ bas}$
 $P_5 = 0.5 \text{ bas}$
 $T_5 = 431.9 \text{ k}$

: deales was =)
$$\frac{1}{\sqrt{5}} = \left(\frac{P_6}{P_5}\right)^{\frac{1}{1}}$$

$$= 7 = \left(\frac{\rho_{G}}{\rho_{5}}\right)^{\frac{0}{1}} = \frac{328,0746565}{15} = 328,0746565 \text{ K}$$

=>
$$m_{ges}(sh + (w_6^2 - w_5^2)) + Ea_i - \sum_{i=0}^{\infty} (w_6^2 - w_5^2)$$

$$4-\Delta h = \frac{\omega_0^2 - \omega_5^2}{2}$$

$$5h = \int_{0}^{\infty} c p d\bar{x} = c p^{15} \left(\ln(\Gamma_6) - \ln(\Gamma_5) \right)$$

$$\Delta h = \int_{T_5}^{T_6} c_p^{18} dT = c_p^{18} (T_6 - T_5) = -104,4489 \mu J$$

$$= 254294,912 \frac{m^2}{52}$$

$$\Delta S = \int_{T_0}^{T_0} \frac{19}{T} dT - Ren(\frac{P_0}{P_0}) =$$

$$A = \pi \cdot \left| \frac{d}{d} \right|^2 = 3 \text{ and } \sqrt{6000} + 353981.10$$

> ideal Gos Gesetz.

$$PV = mRT = 3,4192419$$

$$R = \frac{R}{Hs} = 0,166285242$$

b)
$$f_{3,2} = ?$$
 $p_{3,2} = ?$

