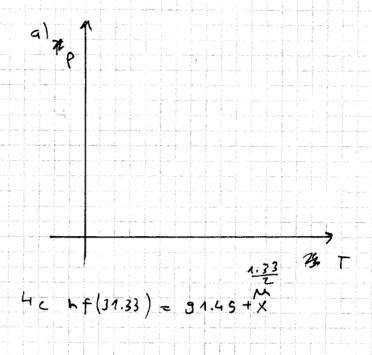
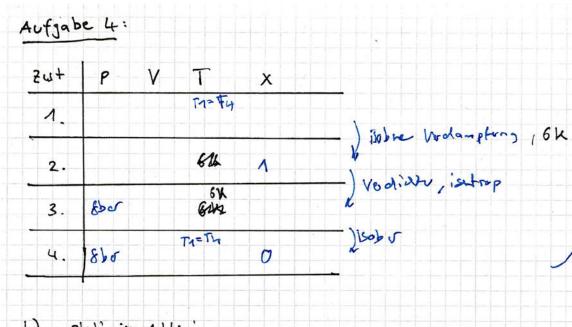
$\frac{1.33}{2}$ hf(31,33) = 34.4235 hf = 34.4235 fg(31.73) = 616ch = 7



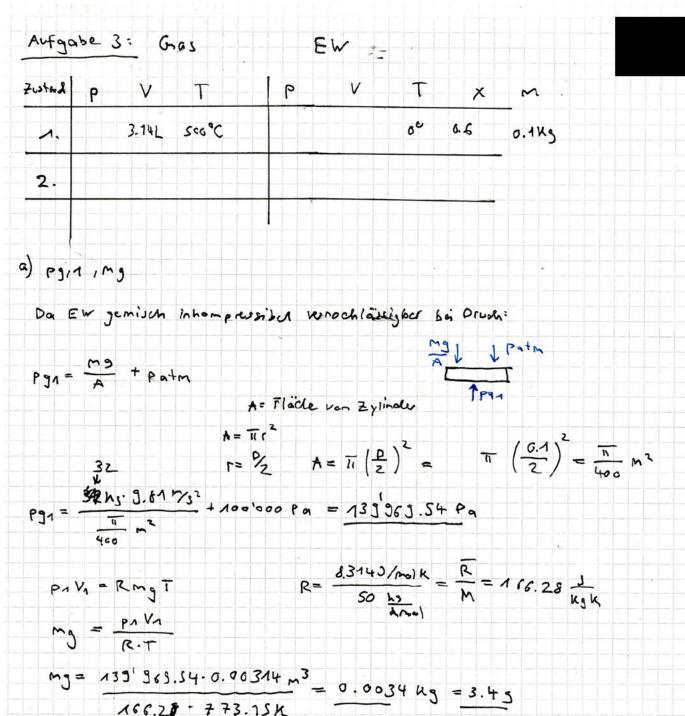
$$a) \in \mathbb{R} = \frac{|G|_{2h}}{|W|_{1}}$$

$$a \in \mathbb{R}$$

Stationa's umal



k Tadionbole Drossel



b) pg/2 = pg/1 & Pa das EW-Gramisch inhampressibelist.

Gas sut an Die Temperatur, wird bei O'C bleiben, da das giszs nur ein Gawisser Arfuil des Eijes Schmilzt, da xz >0.

Aufgabe 3:

c) treese 1. Hs um aggemisch: Geschlassenes System:

Waz: isoler c Kompression

Waz: pg, (Vzy-Vag) = 2238884 -285.545

$$V_{2j} = \underbrace{R \top m_{2}}_{Pz} = \underbrace{o.0011 \, m^{3}}_{}$$

a) 1. Hs um EW-Gemisch:

0227

and wird Zusefihrt dahu > 0: 1361.64)

mew(uz-un) = Qnz

42 = Q12 +41

13(1.64) 12 -200

42= -48628312 kg/kg -166 383 6 KJ/KS

42/8-0) 9-1803836

wern alles Eis dann x=1

un (T=0, x=0.0) = 40=74 Francis = 24/2 Tab. 1 Interpolicen: Mat Metroly

WARLARCH & RUFTONING TOPST)

HAST DE ALER DUB

4512313=-0045 KJ/4 UFS+ =-333. 436 KJ/KS

X = UZ-UFLÜDIS = BESD 0.559

1. man = 0.3 ks

Trin= 70°C

Taus = 100°C

siculand

siedend

Za.

Sicolarde Flüssiglist x=1

medden kasti may = 5715 hg

T=100°C

a) Qaus : Stationary Filissprozess um Rechter:

haus= my (100°C)

Gaus - 25037KW 14.75 WW

1. d) Haboques System: ML UZ-MAUA = AM[hinz] + GRIAZ My= 5755 Kg un(T=100°C, >0=0.005) = uf + x (ug-uf) = 6-00892m3 423.4 W/ks MZ= MA+ AMAZ 42 170°C) = 4f = 202.35 K3/kg hein (x=1, 200) = 2538.1 kJ/ns (om+m) uz-min= sm(hin + aring GRAZ +MIU1 - MIUZ = 35000 1 + 5785. 429.4-5755.292.53 252.95 - 2538.1 om = 3650hg e) as12 = m, sz-m111 mz = my + amaz = 9355 hs

52 \$70, x=1) = 0.9543 WSK 12

SA T=100, x=0.005

$$\frac{25)}{2(h_{x}-h_{5})-w_{5}^{2}}=-w_{6}^{2}$$

$$-208-\frac{220^{2}}{2}=-w_{6}^{2}$$

$$h_0 - h_0 = c_P (T_0 - T_0) = -85.36 \frac{k3}{k5}$$

 $s_0 - s_0 = c_P (n \left(\frac{T_0}{T_0} \right) - R (n \left(\frac{r_0}{P_0} \right) = -0.3 - 286.55 \frac{r_0}{h} \left(\frac{r_0}{P_0} \right)$

$$R = \frac{R}{M} = \frac{8314}{28.97} = 286.99$$

Ohe ($\frac{200^2 - 461.67^2}{2}$)

