(1)

( an = ?

on maximum town

animo (mortera)

in Ruleter

Sein = St (70°L) Sacs = St (101°C)

md = myes · a.cot = 28,775 kg

mf = myes (1-x) = 5726.23kg

hurein - huran = Cur (Threin - Thrans)

 $\int_{a}^{a} f ds = haw - herh = \frac{\dot{\alpha}}{\dot{w}} = 246.6$ 

5)  $\overline{T} = \frac{\int_{e}^{a} 7 ds}{s_{e} - s_{u}} = \frac{T_{KFaus} - T_{KFaus}}{I_{u} \left(\frac{T_{KFaus}}{T_{KFaus}}\right)} = \frac{293.12 L}{T_{KFaus}}$ 

TRFEIN

TRFE aus

$$7 = m \left( s \times sq \right) + \frac{a}{\pi} + ser z$$

The state of the state

sieduluele Flirylut 3 x = 0

$$(\mu_1 + \delta m) u (u_f (70°) - m_A (u_f (100°)) = \delta m (h_f (20°)) + QQC)$$

$$+2 \int u_f (70°C) = 292.95 \frac{m}{ig}$$

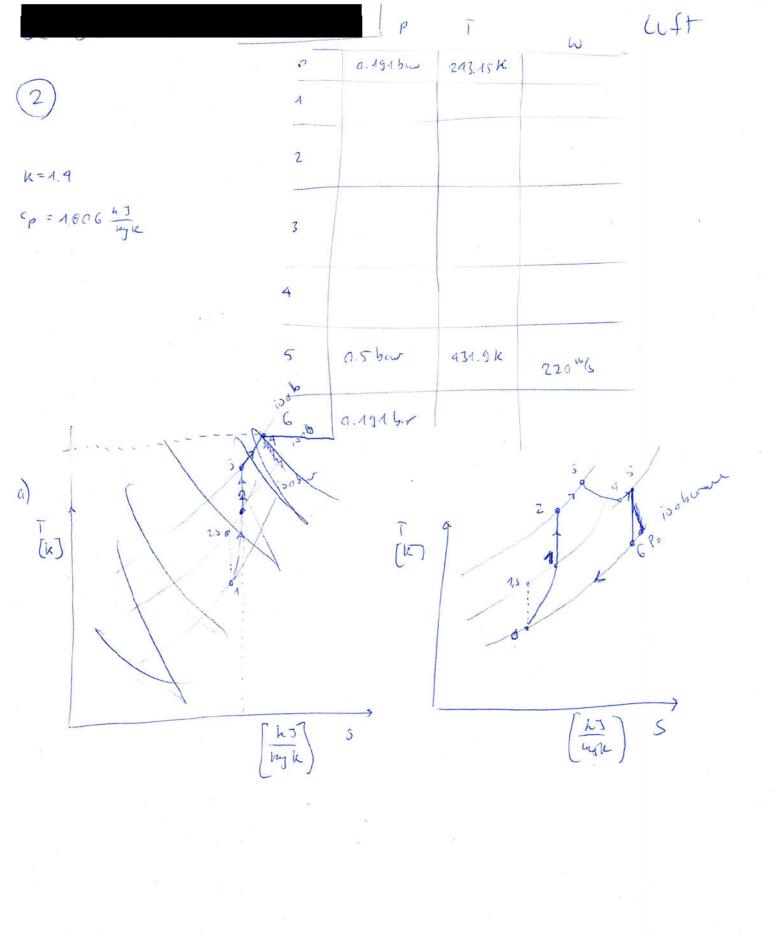
$$u_f (100°C) = 418.94 \frac{m}{ig}$$

$$h_f (20°C) = 83.96 \frac{m}{ig}$$

$$h_f - u_f (70°C)$$

$$h_f - u_f (70°C)$$

e) A Siz=?



$$G = in \left[ h_6 - h_6 \right] + \frac{\omega_5^2 - \omega_6^2}{2} - W_{dise} = 0.000$$

$$\frac{T_G}{r_S} = \left(\frac{p_G}{p_S}\right)^{\frac{K-1}{2}} = 7 \quad T_G = r_S \left(\frac{p_G}{p_S}\right)^{\frac{K-1}{2}} = 328.074$$

c) Q6= S12 m/s T6 = 342 k

niges

Dersh. = exsk. 6 - exino

Dersu ( = ni ( ho ho - To ( o o - 30 ) + ( w 6 - w c ) ] + ( ) }

d) erver = ?

0 = 1 expl = expl = exvert

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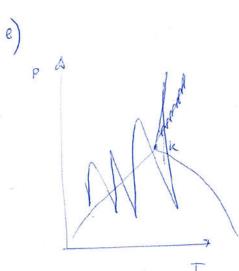
140114.8Pa = 1.45cm

Wv=

od) 
$$U = uf_1 + \times (ug - uf_1) - mg(uz - un) + Q = W_1$$

$$\begin{array}{c}
\lambda = \underbrace{U_{\text{tot}_2} - U_{\text{f}_2}}_{U_{\text{f}_2} - U_{\text{f}_2}}
\end{array}$$





and the contraction of the contr

$$x = \frac{h_4 - h_f}{h_g - h_f}$$

d)
Gu = Wnitz
Gzu

e) and water

du die Cebusuittely

all harne bestagen