A fgabe 1;

a) Energie bilonz:

DE = smenhen + Qe - Qus - Un 4

mouz-mous = smenhein

(m,+ sm) bz - h, v, = smen hen

mily + smuz-miu, = smen her

smalhein - Uz) = m, uz - m, u, = mi(uz-u,)

Tabelle:

Smen = my (Uz -vi)

Uz = Uz (70°c) - 297.95 Es U, = U, (100%) = 418.54

Smein = (her-ve) = 3469. (kg m, = 5755 kg

han = hf (209) = 83 96 =

sm = 3469.4kg

DS= mzsz-mis,

m, = 57563

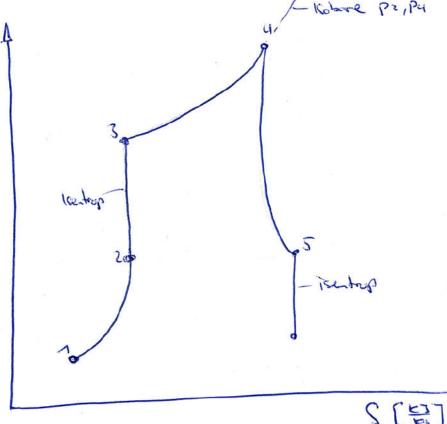
mz = omz + w, = 9724.4kg

AS ZAMORA

Sz (70'c) = 0,9549 = } Tabelle S, (100°C) = 1,3069 =7

BS= 16329.6 kJ= 16.33MJ

Jusqu'e 23



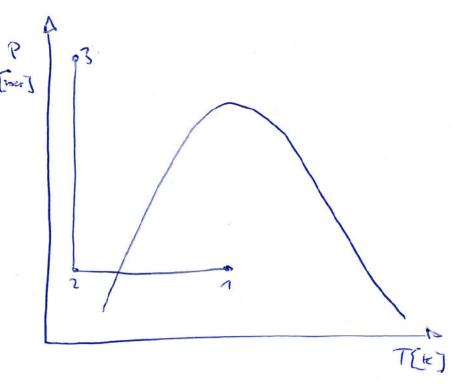
auch:
$$\frac{T_{G}}{T_{F}} = \left(\frac{P_{o}}{P_{5}}\right)^{\frac{N-1}{N}} = \frac{1}{328.07}$$

$$W_{c} = \left\{ Z \left(C p \left(T_{6} - T_{5} \right) - \frac{R \left(T_{6} - T_{5} \right)}{1 - n} \right) + \frac{W_{5}^{2}}{Z} \right\}$$

$$W_{c} = 551.5 \frac{W}{5}$$

5





hz= Interelation wit 52-53

hy= 93,42 = Tabelle

Cik-michz-hil