A 1

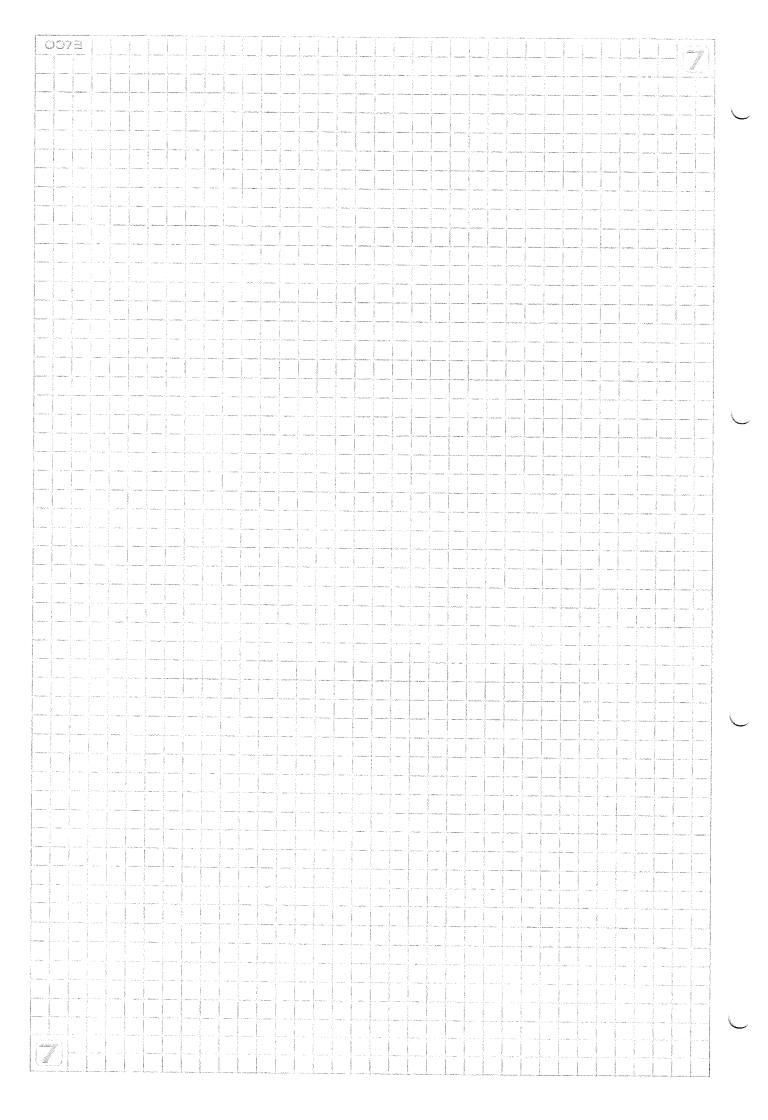
Antioner KF:

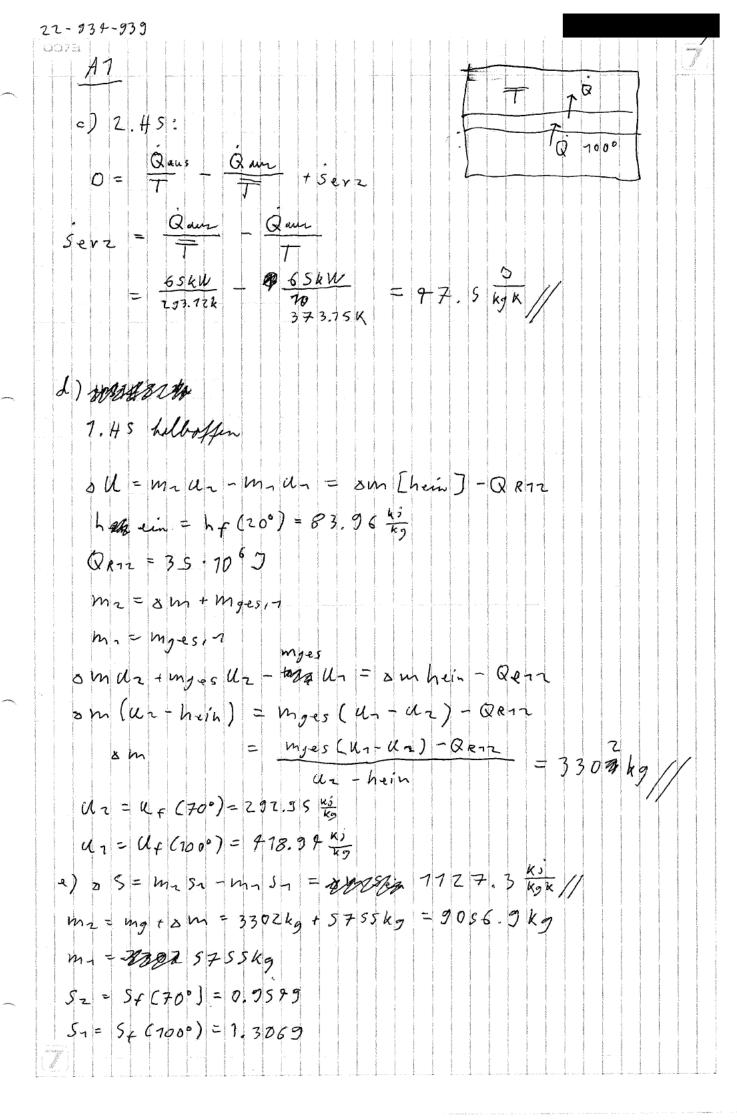
Que = mkf c (Taux - Tein]

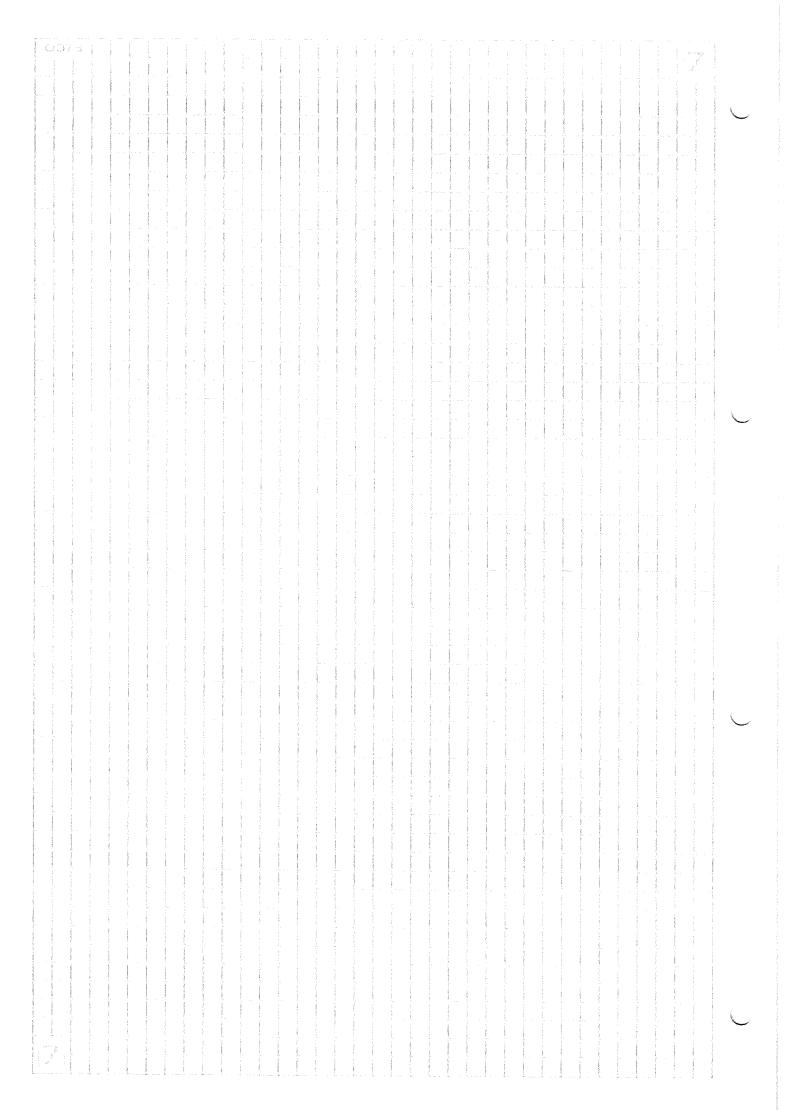
70°

1000

Que



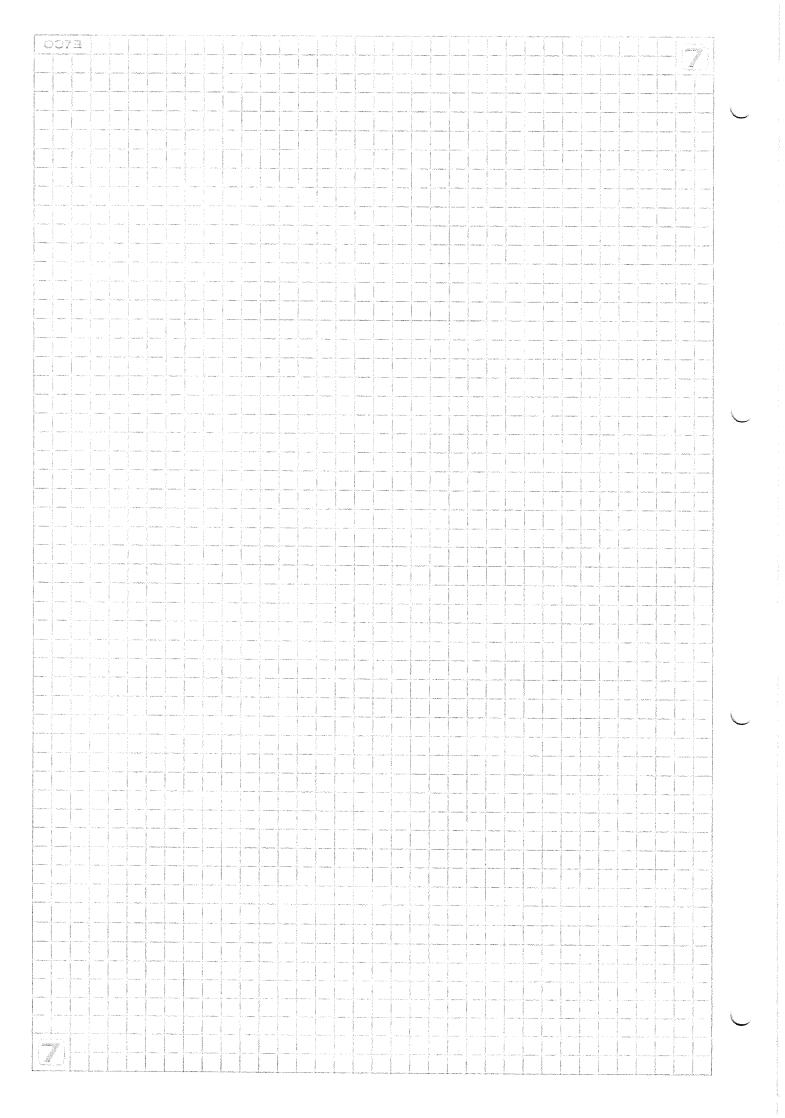


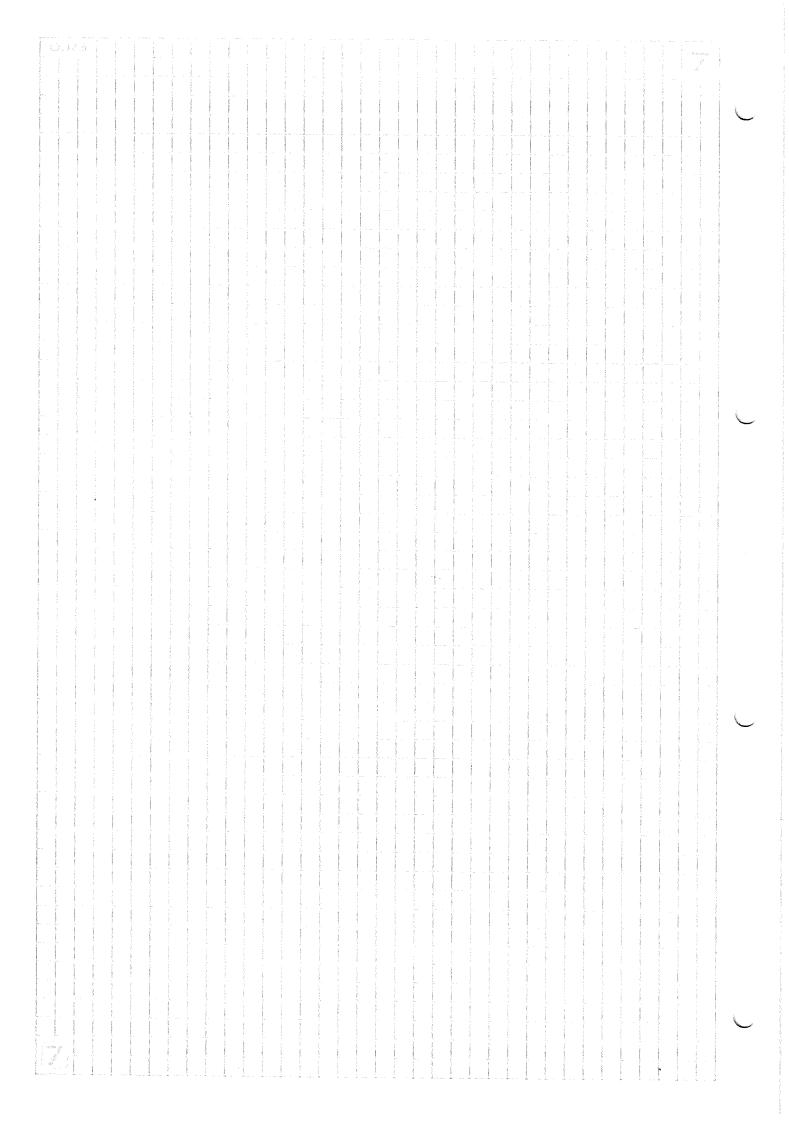


T(K) -30 b) 7. HS Autionar 0 = mges [hs - h6 + Ws2 - W62 0= hs-h8 + \frac{w_0^2}{2} - \frac{w_1^2}{2} W= = 1245 - 246 + Ws W2 12 (Ts-T6) + Ws" $T_{6} = \frac{T_{5}}{\left(\frac{75}{P_{c}}\right)^{\frac{1}{K}-7}} = \frac{437.9 \, \text{K}}{\left(\frac{0.5 \, \text{bar}}{0.797 \, \text{km}}\right)^{\frac{0.9}{7}}} = 37.8 \, \text{K}$ W6 = 12.7.006 ks (+37.9k-328k) + 220 5

$$W_{\delta} = \sqrt{2 \cdot 7.006} \frac{k_{5}}{k_{9}k} \left(437.9k - 328k \right) + 220^{2} \frac{m}{5}$$

$$= 220.9 \frac{m}{5}$$





A3

A = Scn². IT = 0.00785 m³

F = mg = 2020 M 3-14.9 N

P_E =
$$\frac{313.7N}{7.85.10 \text{ m}^3}$$
 = $\frac{3000000}{70.172}$ = 0.34 bar

P = $\frac{1}{7}$ bar + 0.9 bay = $\frac{1}{7}$ bar

M = $\frac{1}{7}$ = 0.0034 k3 = $\frac{1}{7}$ = $\frac{1}{7}$ + $\frac{1$

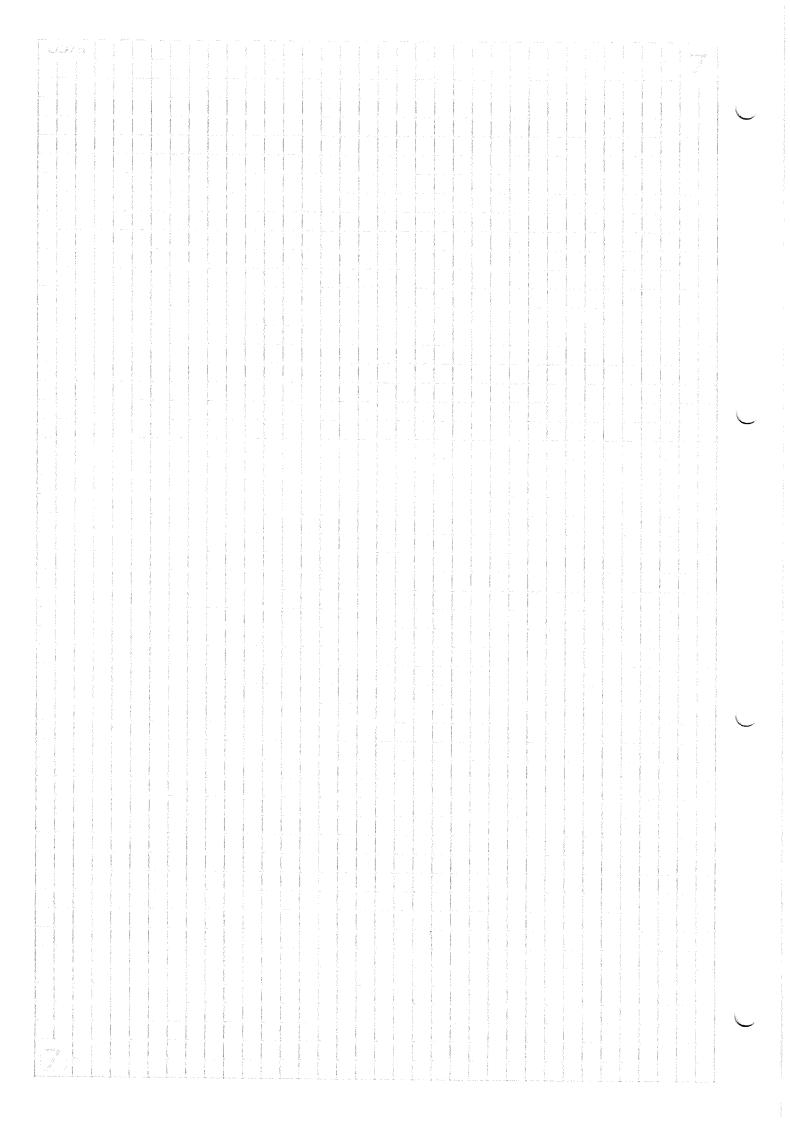
Tr = Teun = 0° da Thermodynminher 99W

13.9.2013 kg. Rg. 273.15kg

pr = p- = 1. 4 bar, de p immer gleich ausenbruck + gewicht

O078 1

The state of the s



e) Ti murle sinken, da dar sublimier se Woner Worme abgeben worde

