

$$R = C_p^{iy} - C_v^{iy} = C_p^{iy} - \frac{C_p^{iy}}{k} = 0,287479 k7$$

$$\frac{T_6}{T_6} = \frac{k-7}{7} \Rightarrow T_6 = T_0.9$$

$$\frac{T_0}{dt_0} = \frac{V_0}{T_0}$$

$$\frac{T_{0}}{T_{6}} = \frac{R T_{6}}{P_{6}}$$

$$V_{0}$$

$$V_{0}$$

$$V_{0}$$

$$V_{0}$$

$$V_{0}$$

$$6 = \left(\frac{R}{r_6 \cdot v_0}\right)^{k-1} = \left(\frac{R}{r_6 \cdot v_0}\right)^{k-1} = \left(\frac{R}{r_6 \cdot v_0}\right)^{k-1}$$

$$\frac{T_{6}}{T_{5}} = \left(\frac{P_{6}}{P_{5}}\right)^{\frac{1-7}{K}} \Rightarrow T_{6} = T_{5} \left(\frac{P_{6}}{P_{5}}\right)^{\frac{1-7}{K}} = 222 \cdot 328,0747 \text{ K}$$

$$0 = \text{migs} \left[l_5 - l_6 + \frac{W_5 - W_6}{2} \right] - \text{Worksture}$$

$$R = \frac{R}{M_y} = 0.76628 \frac{1}{9.k} = 0.76628 \frac{k}{ky \cdot k}$$

$$V_{g_1} = 3,14L = 3,14 \text{ dis} = 3,74.10^3 \text{ m}^3$$

$$T_{g_1} = 500^{\circ}C = 773,75 \text{ K}$$

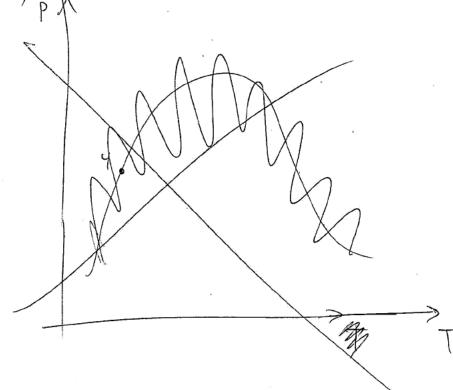
$$T_{9,1} = \frac{P_{9,1} V_{9,1}}{R T_{9,1}} = \frac{P_{9,1} V_{9,1}}$$

b) In twi place geliet (Fest-Flissing) die T bleibt handent warend xeis geht von 1 zu 0. Glich mit Douck.

$$T_{02} = 9/40T$$
 $0,003^{\circ}C = 273,753 \text{ k}$

d

$$(1.a) \quad 0 = \bar{m} \sin \left[\hat{k}_{ein} - \hat{k}_{aun} \right] + \hat{Q}_R - \hat{Q}_{aun}$$



$$\frac{m_{R134a} = -W_{x}}{l_{1}-l_{3}} = \frac{\dot{W}_{k}}{l_{5}-l_{2}}$$