Bai 1. DE CK210-19 a) $qm_1-T_1=m_1q_1=m_1r_2\beta$ T 2-9m2 = m2 a2 = m2 12 B T1-1, - 7212 = I-β $gm_1r_1 - gm_2r_2 = (m_1 n_2 + m_2 r_2 + I) \beta n_1$ -1 = gm, r, -gm, r, ~ 2, 76 (rad 162) 6 Th - gm, - m, r, β = 16,86 (N) to = 9m, - mar, B = 18, 65 16 (N) Can 2: a) $M_1 v_1 + M_2 v_2 = M_1 v_1^1 + M_2 v_2^1$ BTA) ($m_1 \left(p_1 - p_1' \right) = m_2 \left(v_1' - v_2 \right) C +$ 67 AN: $\frac{1}{2} m_1 v_1^2 + \frac{1}{2} m_2 v_2^2 = \frac{1}{2} m_1 v_1^{12} + \frac{1}{2} m_2 v_2^{12}$ $M_{1}(0,^{2}-0)^{2}) = M_{2}(0)^{2}-0)$ $(1) + m_1(3) = 2m_1 0_1 = (m_1 + m_2) 0_2 + (m_1 - m_2) 0_2$ $= |V_2| - \frac{2m_1 v_1}{m_1 + m_2} + \frac{m_2 - m_1}{m_1 + m_2}$ 0,1 = -0,4 (mb) 6 BT DL . m, v, + M2 V2 = (m,+ M2) v =1 V = 0,8 (m/s) Nhi et lucing too va O gtrink va cham: $Q = W_1 - W_2 = \frac{1}{2} m_1 y_1^2 + \frac{1}{2} m_2 y_2^2 - \frac{1}{2} (m_1 + m_2) y_2^2 - 0, \Sigma u(T)$ Cem 3: a >

$$Q_{22} = nRT_{2} Rn \frac{V_{2}}{V_{1}}$$

$$Q_{30} = nRT_{2} Rn \frac{V_{3}}{V_{1}}$$

$$A' = Q_{12} + Q_{30} = nRT_{1} Rn \frac{V_{2}}{V_{1}} - nRT_{2} Rn \frac{V_{3}}{V_{1}} = nR (T_{1} - T_{2}) Rn \frac{V_{2}}{V_{1}}$$

$$\begin{cases} \rho_{1}V_{1}^{Y} = \rho_{3}V_{0}^{X} & \rho_{2}V_{2} = \rho_{1}V_{1} \\ \rho_{2}V_{2}^{Y} = \rho_{3}V_{3}^{X} & \rho_{4}V_{0} = \rho_{5}V_{3} \\ = \frac{V_{1}}{V_{2}} - \frac{V_{0}}{V_{3}} \end{cases}$$

$$= \frac{V_{1}}{V_{2}} - \frac{V_{0}}{V_{3}}$$

$$P_{1} = \frac{V_{1}}{V_{1}} = P_{1} = P_$$

