Megeril & $\bar{Y} = \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix}$ (20.1) $\bar{p} = \begin{pmatrix} p_1 \\ p_2 \\ p_3 \end{pmatrix}$ $\overline{\mathcal{U}} = \overline{\Gamma} + \overline{\Gamma} = \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix} + \begin{pmatrix} p_1 \\ p_3 \end{pmatrix} = \begin{pmatrix} x_2 p_3 - x_3 p_2 \\ x_3 p_1 - x_1 p_3 \\ x_1 p_2 - x_2 p_1 \end{pmatrix} = \begin{pmatrix} \mathcal{U}_1 \\ \mathcal{U}_2 \\ \mathcal{U}_3 \end{pmatrix}$ $(\mathcal{H}_{i}, p_{j}) = \frac{\partial \mathcal{H}_{i}}{\partial g^{T}} \cdot \frac{\partial p_{j}}{\partial g} - \frac{\partial \mathcal{H}_{i}}{\partial p^{T}} \cdot \frac{\partial p_{j}}{\partial g} = \left(\frac{\partial \mathcal{H}_{i}}{\partial x_{i}}, \frac{\partial \mathcal{H}_{i}}{\partial x_{i}}, \frac{\partial \mathcal{H}_{i}}{\partial x_{3}}\right)$ $(H_{1}, p_{1}) = (0; p_{3}; p_{2}) / (0) - (0; -x_{3}; x_{2}) / (0) = 0$ (M, pr) = 10; p3, -p2(0) = p3 (H, , p,) = 10, p, - pz) /0) = -pz (M2,p,) = (-ps; 0; p,)/o) = -ps (M2, p2) = (-p3; 0; p1) / () = 0 (1/2, p3)= (-p, 0; p.) /0)=p, (M3; p,) = (p2,-p,,0)(3)=P2 $(H_3; p_2) = (p_2, -p, 0) / (p) = \overline{p},$ $(H_3; p_3) = (p_2, -p, 0) / (p) = 0$ $(\mathcal{H}_{i},\mathcal{H}_{j})=\frac{2\mathcal{H}_{i}}{2q^{2}}\frac{2\mathcal{H}_{j}}{2p^{2}}-\frac{2\mathcal{H}_{i}}{2p^{2}}\frac{2\mathcal{H}_{i}}{2p^{2}}\frac{2\mathcal{H}_{i}}{2p^{2}}\left(\frac{2\mathcal{H}_{i}}{2p^{2}}\right)\left(\frac{2\mathcal{H}_{i}}{2p^{2}}\right)-\left(\frac{2\mathcal{H}_{i}}{2p^{2}}\right)\left($ $(\mathcal{U}_{1},\mathcal{U}_{2})=\langle 0; p_{3}; -p_{2}\rangle {\begin{pmatrix} x_{3} \\ 0 \end{pmatrix}} - \langle 0; -x_{3}, x_{2}\rangle / -p_{3} = x_{1} \cdot p_{2} - x_{2}p_{1} = \mathcal{U}_{3}$ $(\mathcal{U}_{1},\mathcal{U}_{2})=\langle 0; p_{3}, -p_{2}\rangle {\begin{pmatrix} x_{3} \\ x_{1} \end{pmatrix}} - \langle 0; -x_{3}, x_{2}\rangle {\begin{pmatrix} p_{1} \\ p_{2} \end{pmatrix}} = x_{1}p_{3} - x_{2}p_{1} = \mathcal{U}_{2}$ $(\mathcal{U}_{1},\mathcal{U}_{2})=\langle 0; p_{3}, -p_{2}\rangle {\begin{pmatrix} x_{3} \\ x_{1} \end{pmatrix}} - \langle 0; -x_{3}, x_{2}\rangle {\begin{pmatrix} p_{1} \\ p_{2} \end{pmatrix}} = x_{1}p_{3} - x_{3}p_{1} = \mathcal{U}_{2}$ (H2, H1) = - H3; (H2; H3) = H1; (H3; H1) = H2: (H3, H2) = -4,