$$\begin{array}{c} \mathcal{Q} = \frac{b}{b} \\ i = C \frac{dv}{dt} = C\dot{\mathcal{Q}} \\ (1) \\ (2.1842186, \\ 0.27296874C) \\ (4.534219, \\ 0.29296875L) \\ (2.25421881, 3670312)i \\ (0.28421876, \\ 0.25296876)v \\ \mathcal{Q} \\ \mathcal{L} = \frac{1}{2}Li^2 - \frac{1}{2}Cv^2 = \frac{1}{2}C\left[\frac{1}{\omega_0^2}\dot{\mathcal{Q}}^2 - \mathcal{Q}^2\right] \\ (2) \\ \omega_0 \\ \omega_0 = \frac{1}{\sqrt{LC}} \\ \frac{d}{dt}L(Q,\dot{\mathcal{Q}})\dot{\mathcal{Q}} - L(Q,\dot{\mathcal{Q}})Q = 0\ddot{\mathcal{Q}} = -\omega_0^2Q\frac{d^2v}{dt^2} = -\omega_0^2v \\ (3) \\ Q \\ P = L\dot{\mathcal{Q}} = \frac{C\dot{\mathcal{Q}}}{\omega_0^2} = LCi \\ (4) \\ H = P\dot{\mathcal{Q}} - L(Q,\dot{\mathcal{Q}})\Big|_{\dot{\mathcal{Q}} = \omega_0^2P/C} = \frac{\omega_0^2P^2}{2C} + \frac{1}{2}CQ^2 \\ (5) \\ \dot{\mathcal{Q}} = \\ H(Q,P)P = \\ \frac{\omega_0^3P}{2c}C\frac{dv}{dt} = \\ i(KCL) \\ \dot{P} = \\ -\dot{V}(KVL) \\ H = \frac{P^2}{2m} + \frac{1}{2}m\omega^2x^2 \\ (6) \\ \dot{p} \\ H \leftrightarrow Hx \leftrightarrow Qp \leftrightarrow Pm \leftrightarrow LC^2\omega \leftrightarrow \omega_0 \\ (7) \\ \dot{Q} = \\ P = L\dot{\mathcal{Q}} = \frac{C\dot{\mathcal{Q}}}{\omega_0^2} = LCi \\ (8) \\ \{Q,P\} = QQPP - PQQP = 1 \\ 0 \\ \frac{1}{jh}[.] \leftrightarrow \{.\} \\ (10) \\ \dot{j} \\ \dot{Q} \\ \dot{p} \\ \dot{$$