$$\frac{dx^{(1)}}{dt} = F_1(x^{(1)}, x^{(2)}, ..., x^{(n)}),$$

$$\frac{dx^{(2)}}{dt} = F_2(x^{(1)}, x^{(2)}, ..., x^{(n)}),$$

$$\frac{dx^{(n)}}{dt} = F_n(x^{(1)}, x^{(2)}, ..., x^{(n)}),$$

$$\frac{d\vec{x}(t)}{dt} = \vec{F}[\vec{x}(t)],$$

$$(2) \frac{\vec{x}}{\vec{x}} \underbrace{\vec{x}}_{\vec{x}}(0) \\ \vec{x}(t) \\ \vec{t} > 0 \\ \vec{t} = \underbrace{(x^{(1)}, x^{(2)}x^{(3)})}_{3d. pdf Orbitinthree dimensional phase space}$$

$$\frac{\vec{x}}{1}, \frac{\vec{x}}{2}, 3, ...$$

$$\vec{x}_{t+1} = \underbrace{\vec{M}(\vec{x}_t)(3)}_{\vec{x}_t} \\ \vec{x}_t = \underbrace{(x^{(1)}_t, x^{(2)}_t, ..., x^{n}_t)}_{\vec{x}_t}$$

$$\frac{\vec{M}(\vec{x}_t)}{\vec{x}_t}$$

$$\frac{\vec{x}}{t} = \underbrace{\vec{x}}_{t+1} = \underbrace{\vec{M}(\vec{x}_t)(\vec{x}_t)}_{\vec{x}_t}$$

$$\frac{\vec{x}}{t} = \underbrace{\vec{x}}_{t+1} = \underbrace{$$