$$\dot{x} = x(x^{2}-1) - \dot{y} = f(x,y)$$

$$\dot{y} = x - \dot{y} = g(x,y)$$

$$\int = \begin{pmatrix} 3x^{2}-1 & -1 \\ 1 & -1 \end{pmatrix}$$

$$(x) - \begin{pmatrix} \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \end{pmatrix}$$

$$\begin{pmatrix} x - x \cdot \\ y - y \cdot \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \end{pmatrix}$$

$$\begin{pmatrix} x - x \cdot \\ y - y \cdot \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \end{pmatrix}$$

$$\begin{pmatrix} x - x \cdot \\ y - y \cdot \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \end{pmatrix}$$

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$$\begin{pmatrix} x \cdot \\ y \cdot \\ y \cdot \\ \frac{\partial}{\partial x} & \frac{\partial}{\partial y} \end{pmatrix}$$

$$\dot{x} = 0 \qquad \dot{y} = \chi(x^2 - 1)$$

$$\dot{y} = 0 \qquad \dot{y} = \chi(x^2 - 1) - y$$

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