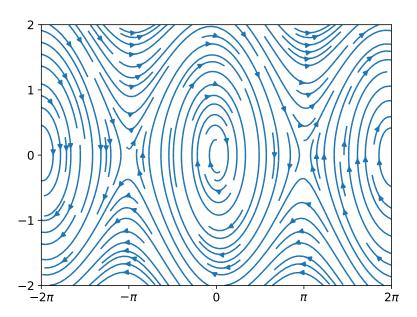


Example 1:

$$\begin{bmatrix} \dot{x}_1 \\ \dot{x}_2 \end{bmatrix} = \begin{bmatrix} x_2 \\ -\sin(x_1) - \frac{1}{10}x_2 \end{bmatrix}$$



Example 2:

$$\begin{bmatrix} \dot{x}_1 \\ \dot{x}_2 \end{bmatrix} = \begin{bmatrix} x_2 - \mu x_1 (x_1^2 + x_2^2) \\ -x_1 - \mu x_2 (x_1^2 + x_2^2) \end{bmatrix}$$

