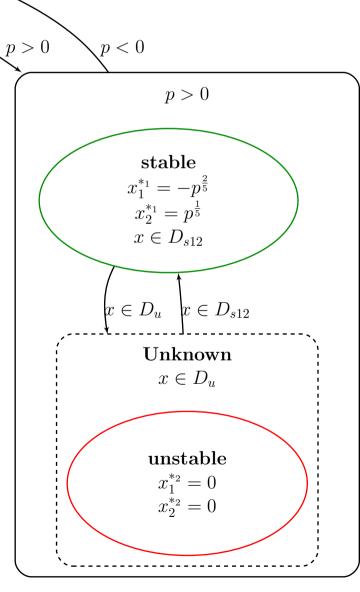
$$\begin{array}{c} \textbf{Unknown} \\ x \in D_u \\ \hline \\ \textbf{unstable} \\ x_1^{*_1} = -p^{\frac{2}{5}} \left(\frac{\sqrt{5}}{4} + \frac{1}{4} - \frac{\sqrt{2}\sqrt{5-\sqrt{5}}\,i}{4} \right)^2 \\ x_2^{*_1} = -p^{\frac{1}{5}} \left(\frac{\sqrt{5}}{4} + \frac{1}{4} - \frac{\sqrt{2}\sqrt{5-\sqrt{5}}\,i}{4} \right) \\ \hline \\ \textbf{x} \in D_{s11} \\ \hline \\ \textbf{x} \in D_u \\$$

 $x \in D_{s11}$



$$\begin{bmatrix} \dot{x}_1 \\ \dot{x}_2 \end{bmatrix} = \begin{bmatrix} -px_2 - x_1^3 \\ -x_2^2 - x_1 \end{bmatrix}$$