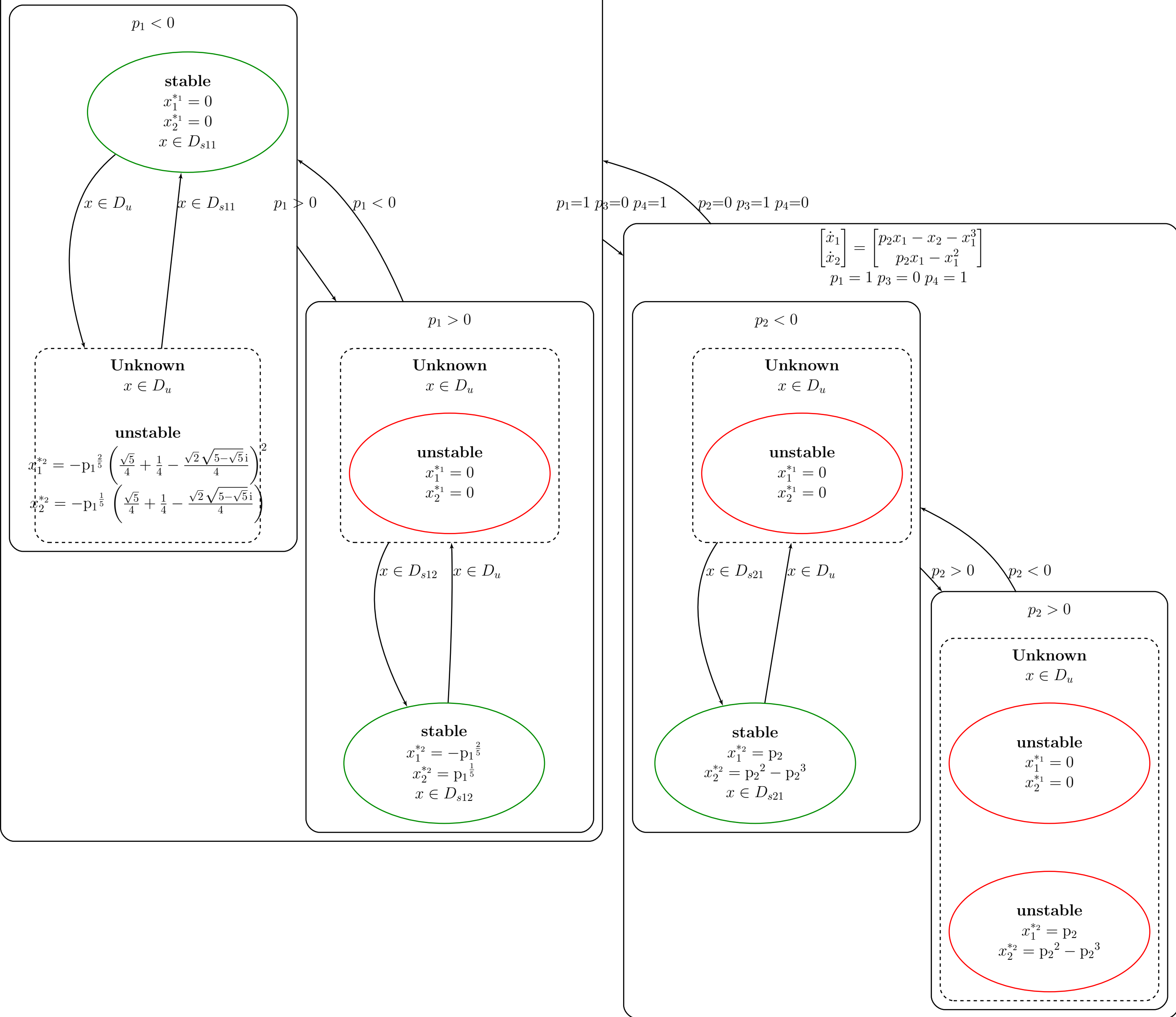


$$\begin{bmatrix} \dot{x}_1 \\ \dot{x}_2 \end{bmatrix} = \begin{bmatrix} -p_1 x_2 - x_1^3 \\ -x_1 - x_2^2 \end{bmatrix}$$

$$p_2 = 0 \quad p_3 = 1 \quad p_4 = 0$$



$$\begin{bmatrix} \dot{x}_1 \\ \dot{x}_2 \end{bmatrix} = \begin{bmatrix} -p_1 x_2 + p_2 x_1 - x_1^3 \\ -p_3(x_2^2 + x_1) + p_2 x_1 - p_4 x_1^2 \end{bmatrix}$$