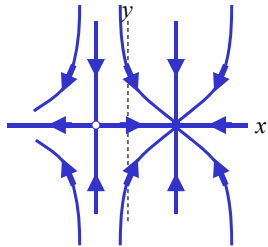
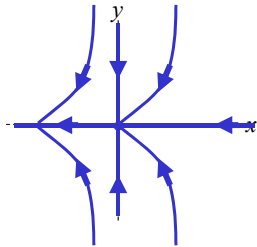


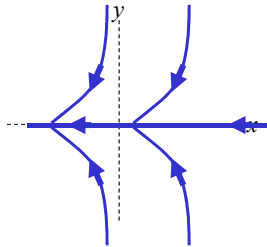
$$\begin{aligned}\dot{x} &= \mu - x^2 \\ \dot{y} &= -y\end{aligned}$$



$$\mu > 0$$



$$\mu = 0$$



$$\mu < 0$$