## Figures from the in-class Examples



Figure 1: Nullclines and some solutions to $x^{\prime}=x(2-x-y), y^{\prime}=y\left(9 / 4-y^{2}-x^{2}\right)$


Figure 2: Nullclines and some solutions to $x^{\prime}=x+y-x^{3}, y^{\prime}=-\frac{1}{2} x$


Figure 3: Nullcines and some solutions to $x^{\prime}=2-x-y, y^{\prime}=y-x^{2}$

