Figures for Chapter 3

Figure 1. Logistic growth rate $f(y) = y(1 - y)$

Figure 2. Semi-stable critical point: (a) $f''(y^{(c)}) > 0$, (b) $f''(y^{(c)}) < 0$. 
Figure 3. Graph of $f(y;\mu)$: (a) $\mu > 0$, (b) $\mu < 0$.

Figure 4. A transcritical bifurcation

Figure 5. Critical points of a uniformly harvested fish population
Figure 6. A saddle-node bifurcation

Figure 7. Growth rate of $f(y;\mu) = y(\mu - y^2)$ for $\mu > 0$.

Figure 8. Growth rate of $f(y;\mu) = y(\mu - y^2)$ for $\mu < 0$. 
Figure 9. A pitchfork bifurcation