MATH 2260: Graphs of Solutions and Direction Fields
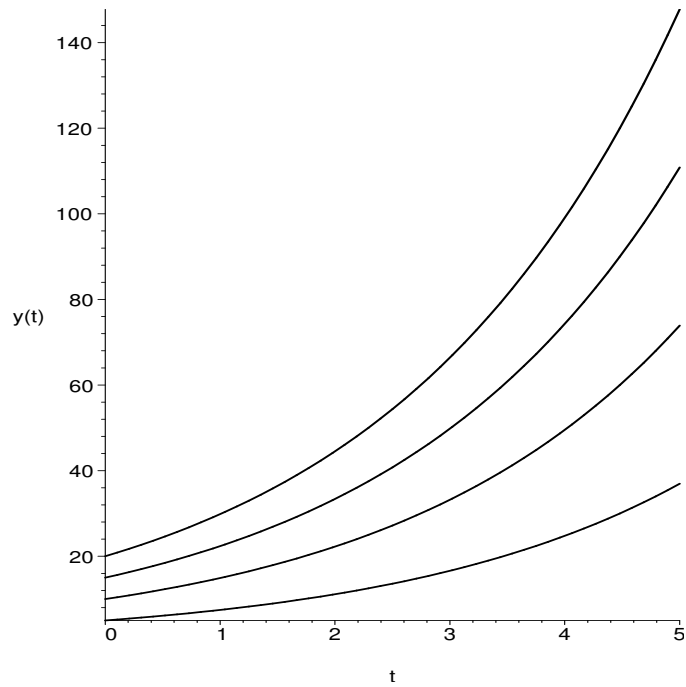

Figure 1: Some solutions of $\dfrac{dy}{dt} = ky$ for $k = 0.4$.
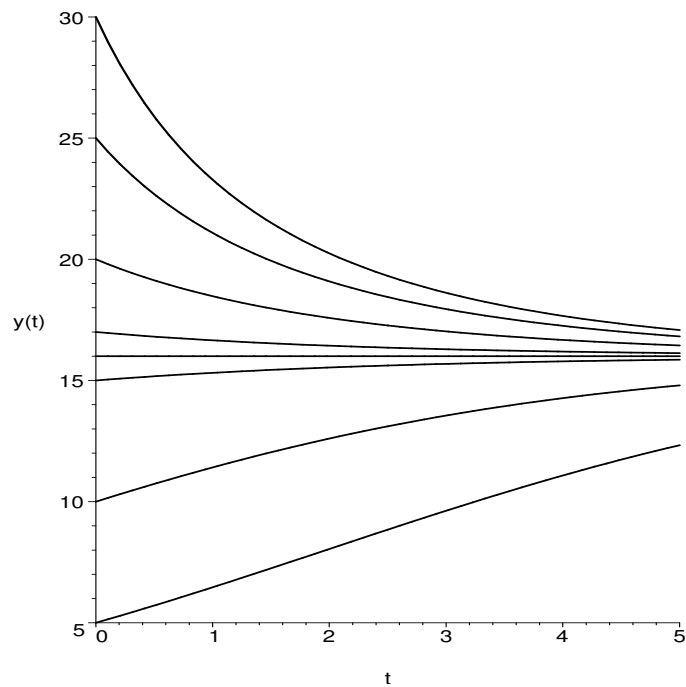

Figure 2: Some solutions of $\dfrac{dy}{dt} = rby - ray^2$ for $r = 0.02$, $a = 1.25$, $b = 20$.
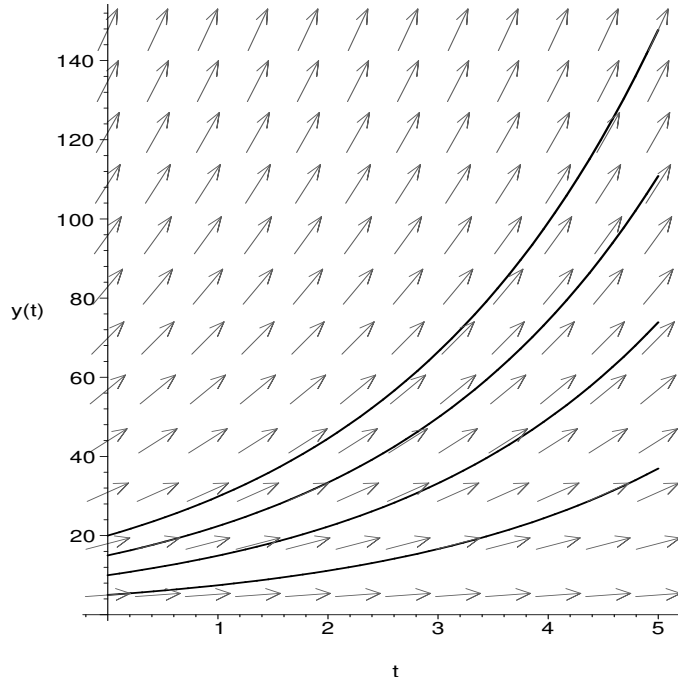
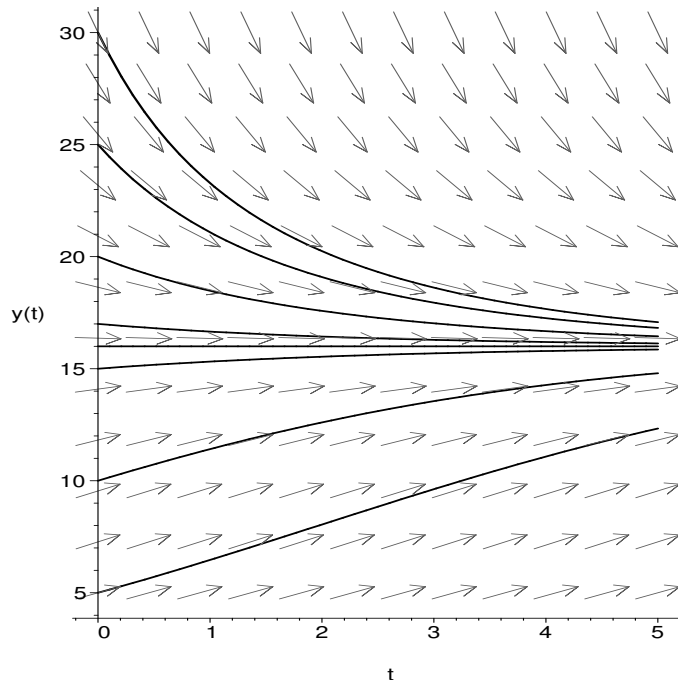Figure 3: Direction field of $\dfrac{dy}{dt} = ky$ for $k = 0.4$.

Figure 4: Direction field of $\dfrac{dy}{dt} = rby - ray^2$ for $r = 0.02$, $a = 1.25$, $b = 20$.