Figure 1. Slope field for $y' + 3y = t + e^{-2t}$
Figure 2. Slope field for $y' - 2y = t^2 e^{2t}$
Figure 3. Slope field for \( y' + (1/t)y = 3\cos(2t) \)
Figure 4. Slope field for $ty' + 2y = \sin t$
Figure 5. Slope field for \((1 + t^2)y' + 4ty = (1 + t^2)^{-2}\)
Figure 6. Slope field for $ty' - y = t^2 e^{-t}$
Figure 7. Slope field for $y' - \frac{1}{2}y = 2 \cos t$. The solutions have the initial conditions $y(0) = a$, with $a = -0.5, -0.7, -0.79, -0.8, -1$. 
Figure 8. Slope field for $2y' - y = e^{t/3}$. The solutions have the initial conditions $y(0) = a$, with $a = -2.5, -2.6, -2.7, -2.8, -3$. 
Figure 9. Slope field for $3y' - 2y = e^{-\frac{\pi t}{2}}$. The solutions have the initial conditions $y(0) = a$, with $a = -1, -0.5, 0, 0.5, 1$. 
Figure 10. Slope field for $ty' + (t + 1)y = 2te^{-t}$. The solutions have the initial conditions $y(1) = a$, with $a = -1, -0.5, 0, 0.5, 1$. 
Figure 11. Slope field for $ty' + 2y = (\sin t)/t$. The solutions have the initial conditions $y(-\pi/2) = a$, with $a = -1, -0.5, 0, 0.5, 1$. 