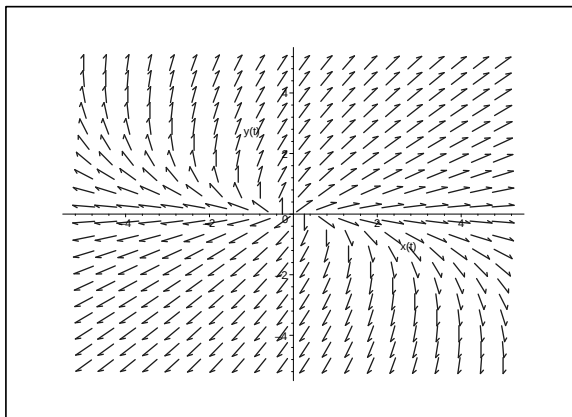
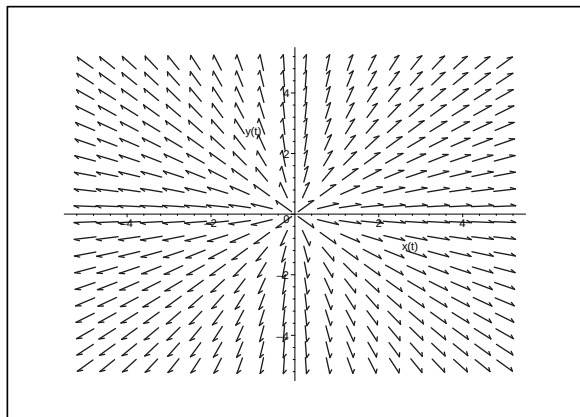
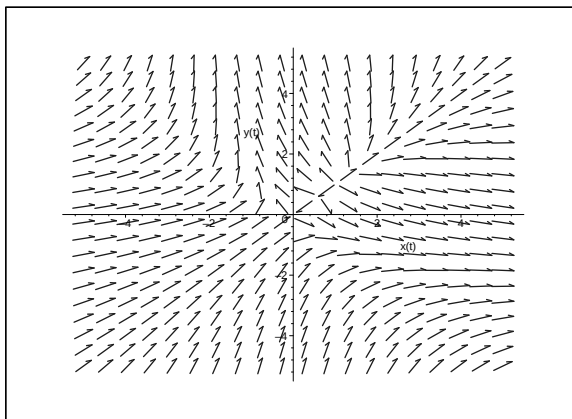
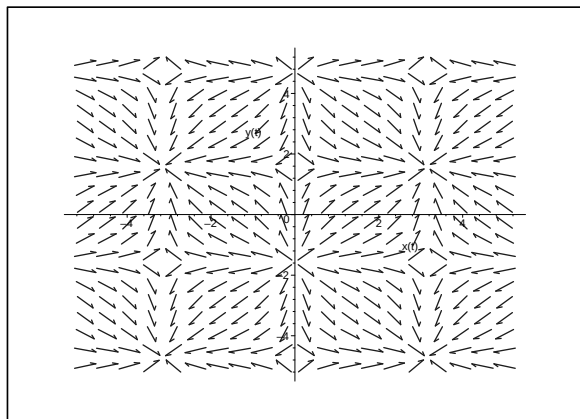
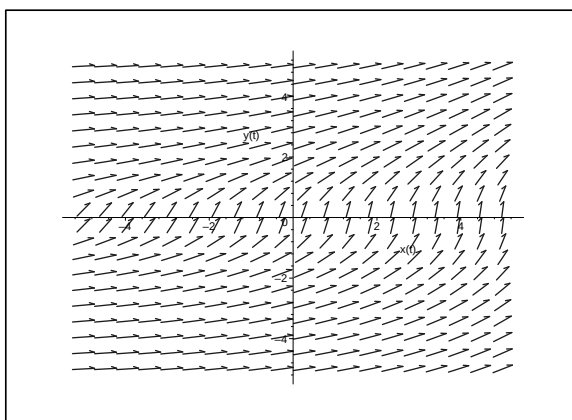
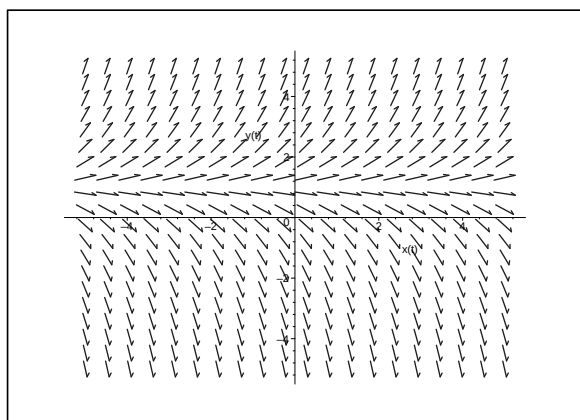




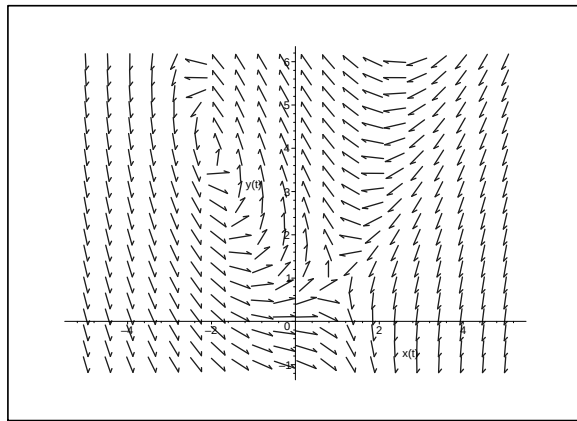
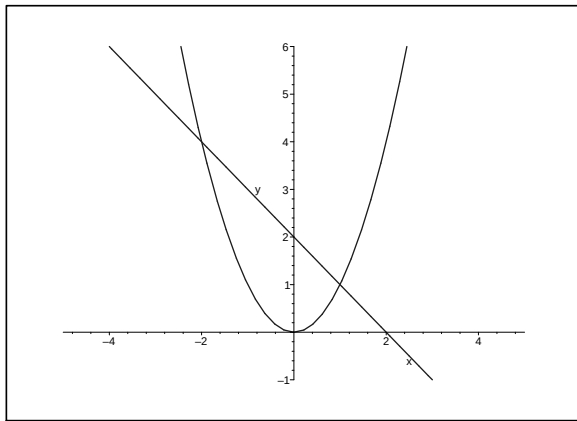
Direction fields for $F(x, y) = (x, y)$ and $F(x, y) = (x + y, 2y)$.



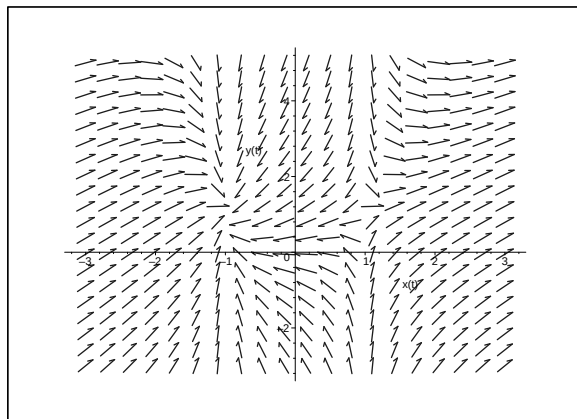
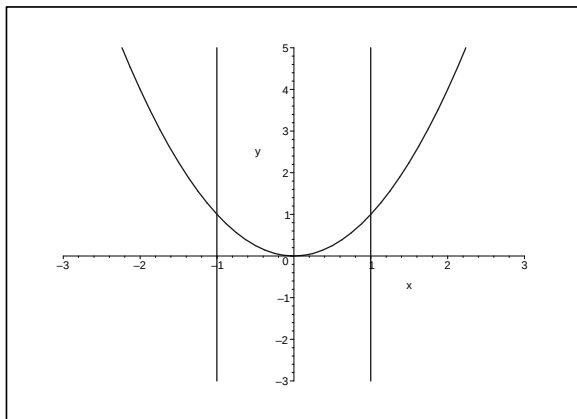
Direction fields for $F(x, y) = (\sin(x), \cos(y))$ and $F(x, y) = (x^2 - y, y^2 - x)$.



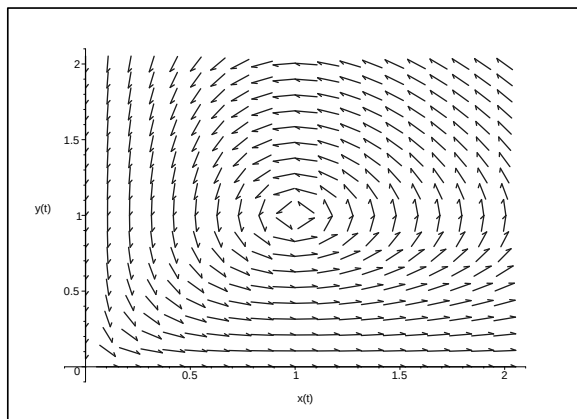
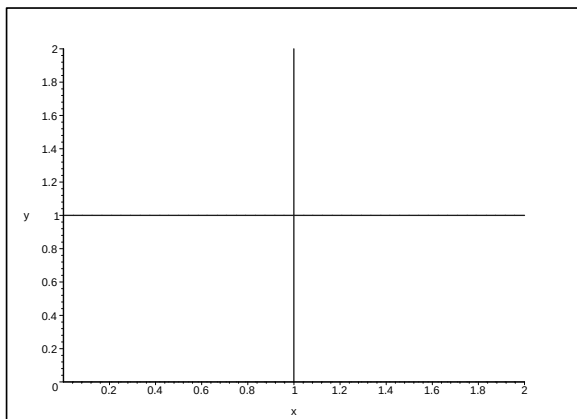
Direction fields for $F(x, y) = (1, y - 1)$ and $F(x, y) = (|y|, e^{x/5})$.



Nullclines and direction field for $\frac{d\vec{Y}}{dt} = (2 - x - y, y - x^2)$.



Nullclines and direction field for $\frac{d\vec{Y}}{dt} = (x^2 - 1, x^2 - y)$.



Nullclines and direction field for $\frac{d\vec{Y}}{dt} = (x - xy, -y + xy)$.