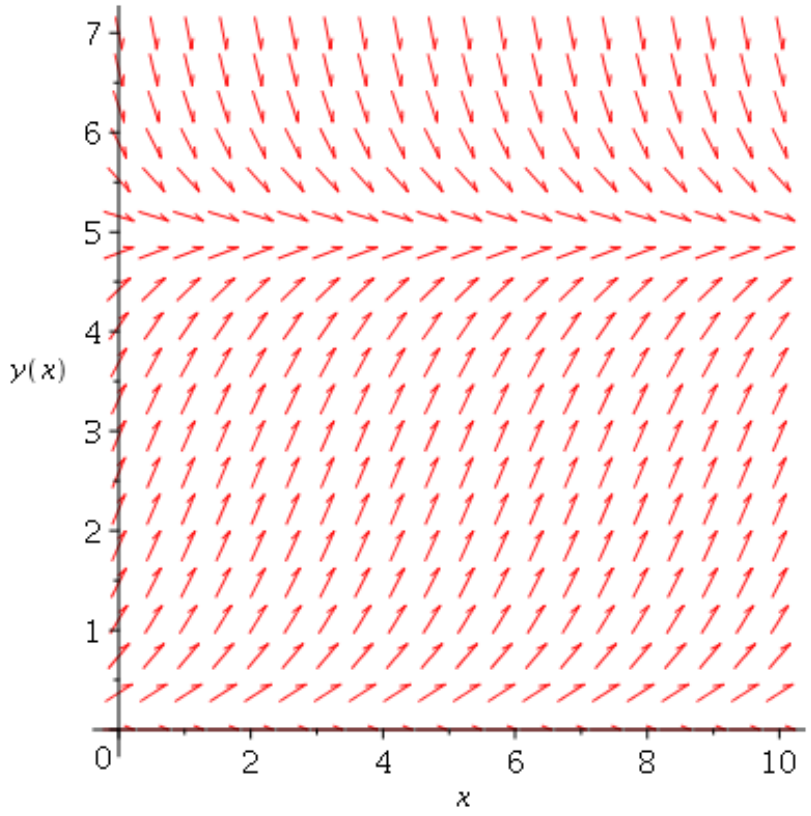


Figure 1: The slope field for $\frac{dy}{dx} = \frac{1}{4}y(5-y)$.

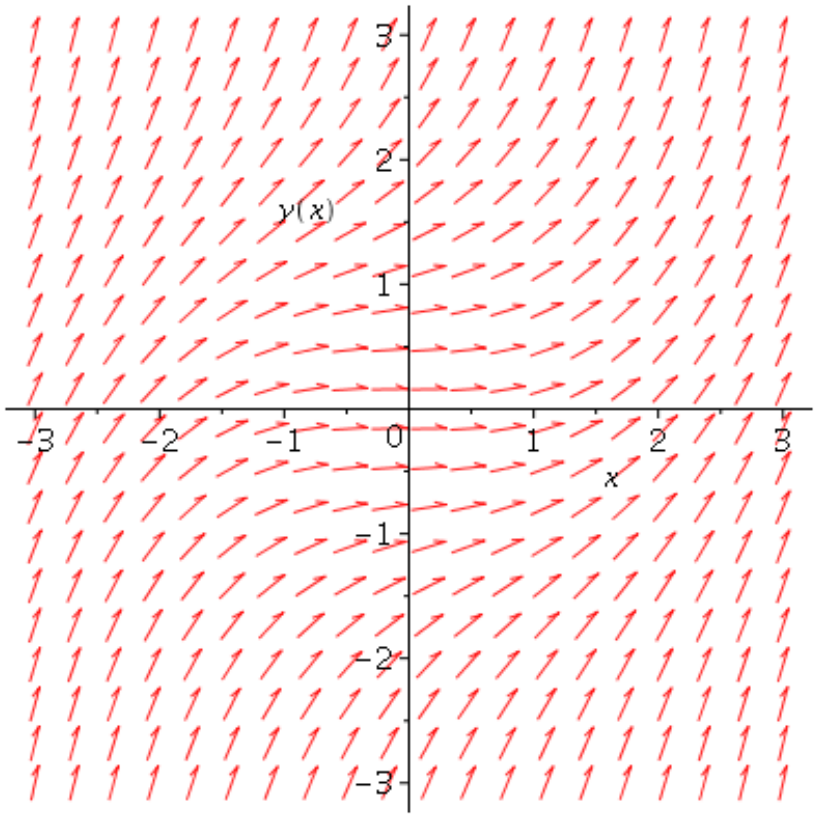


Figure 2: The slope field for $\frac{dy}{dx} = \frac{1}{4}(x^2 + y^2)$.

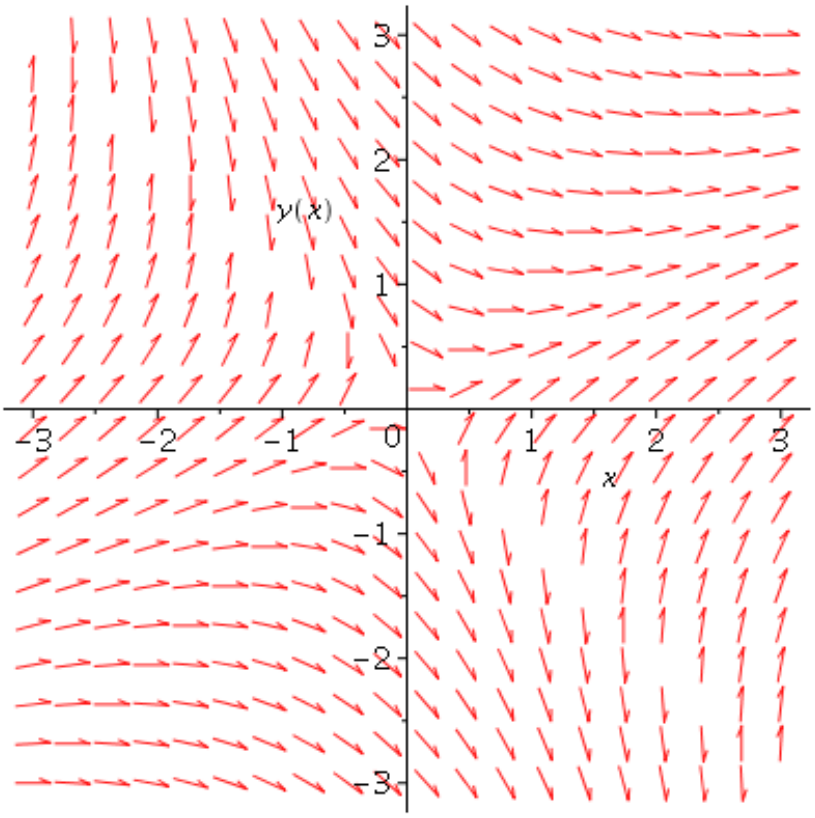


Figure 3: The slope field for $\frac{dy}{dx} = \frac{x-y}{x+y}$.

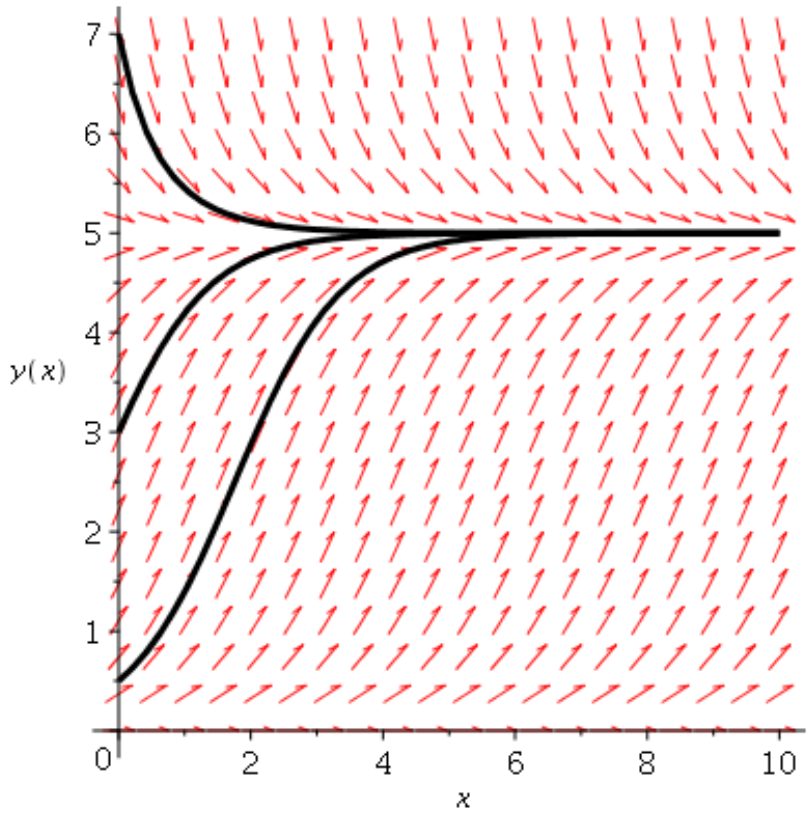


Figure 4: Solutions of the equation $\frac{dy}{dx} = \frac{1}{4}y(5-y)$ with $y(0) = .5$, $y(0) = 3$, $y(0) = 7$.

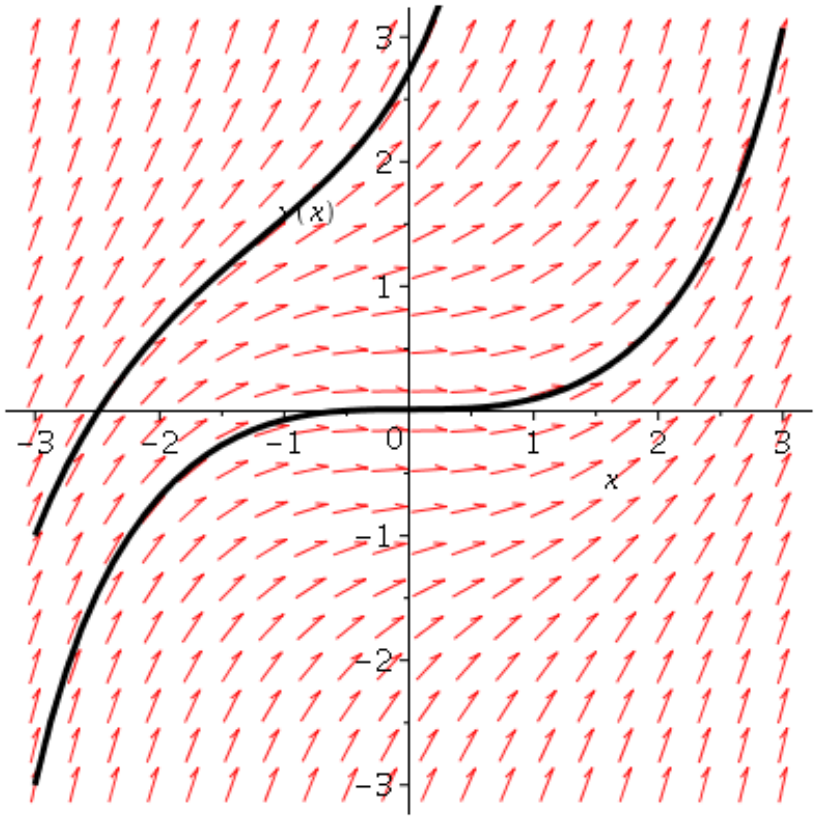


Figure 5: Solutions of $\frac{dy}{dx} = \frac{1}{4}(x^2 + y^2)$ with $y(-3) = -3$ and $y(-3) = -1$.

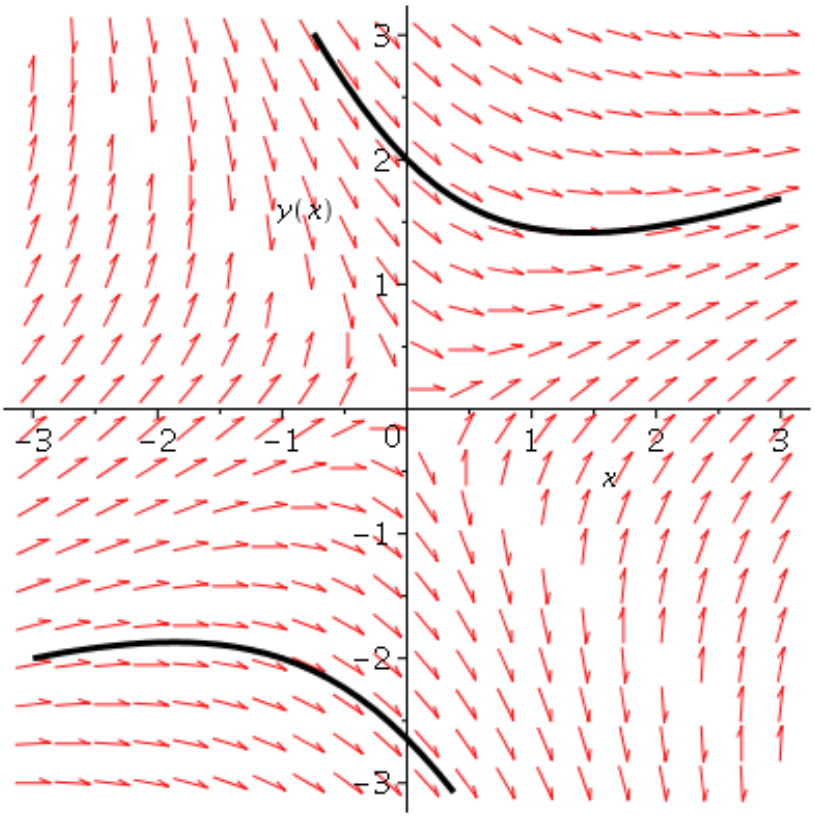


Figure 6: Solutions of $\frac{dy}{dx} = \frac{x-y}{x+y}$ with $y(-3) = -2$, $y(0) = 2$.