

Figure 1: Slope field of $\frac{dw}{dt} = 3 - 0.08w$, with solutions $w(t) = Ce^{-0.08t} + 37.5$

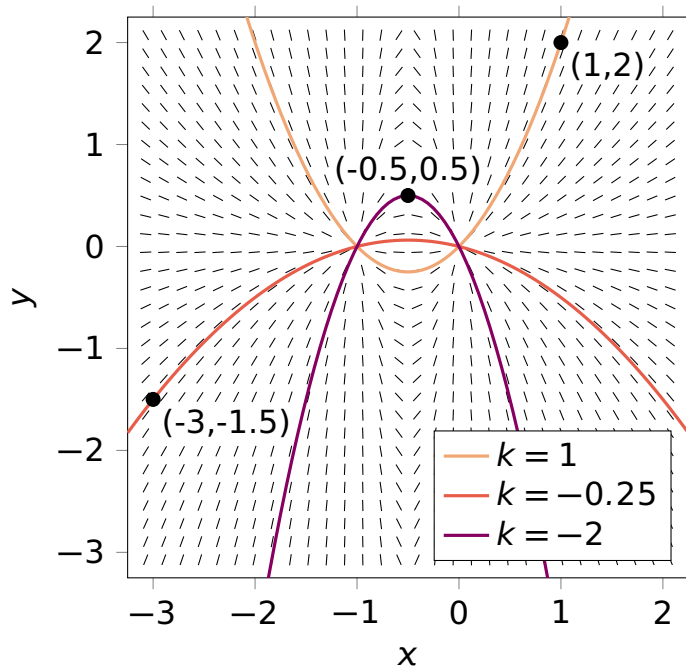


Figure 2: Slope field of $\frac{dy}{dx} = k(2x + 1)$, with solutions $y(x) = k(x^2 + x)$

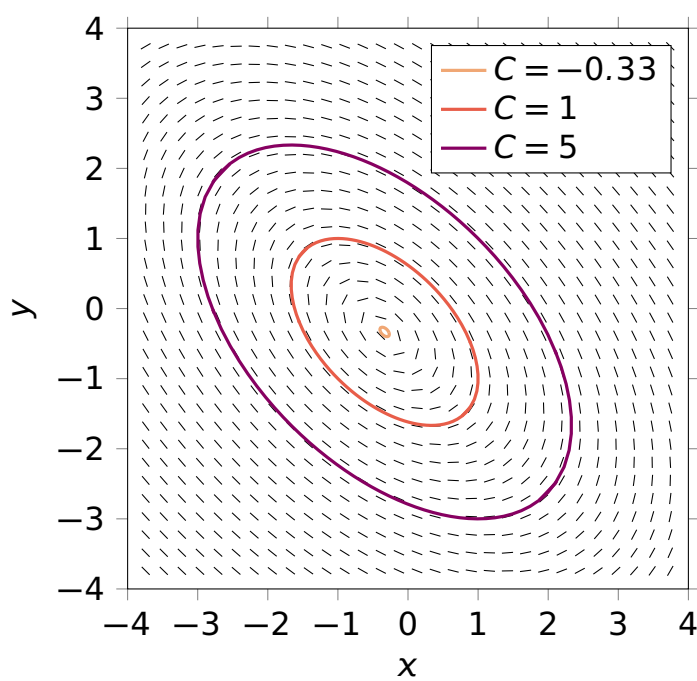


Figure 3: Slope field of $\frac{dy}{dx} = -\frac{2x+y+1}{x+2y+1}$, with solutions $x^2 + y^2 + xy + x + y = C \geq -\frac{1}{3}$