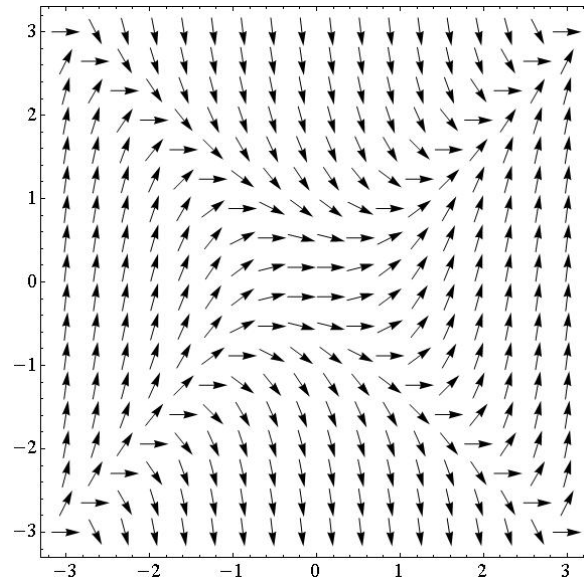


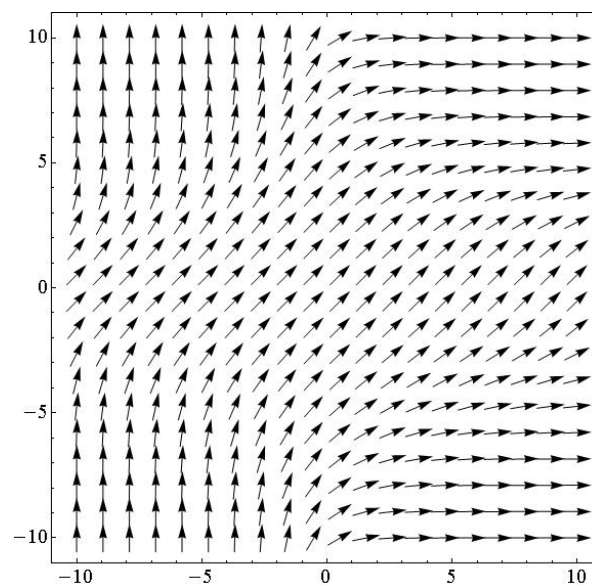
2.1 - DIRECTION FIELDS HOMEWORK

MATH 2584 - DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORM - FALL 2015

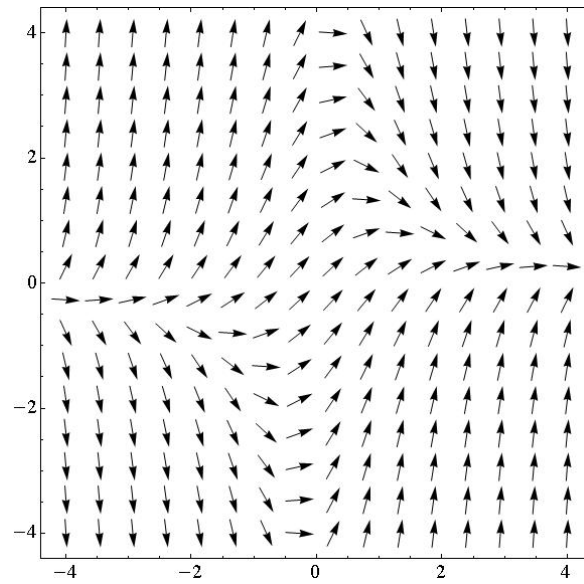
(1) $\frac{dy}{dx} = x^2 - y^2$



(2) $\frac{dy}{dx} = e^{-0.01xy^2}$



(3) $\frac{dy}{dx} = 1 - xy$



(4) $\frac{dy}{dx} = (\sin x) \cos y$

