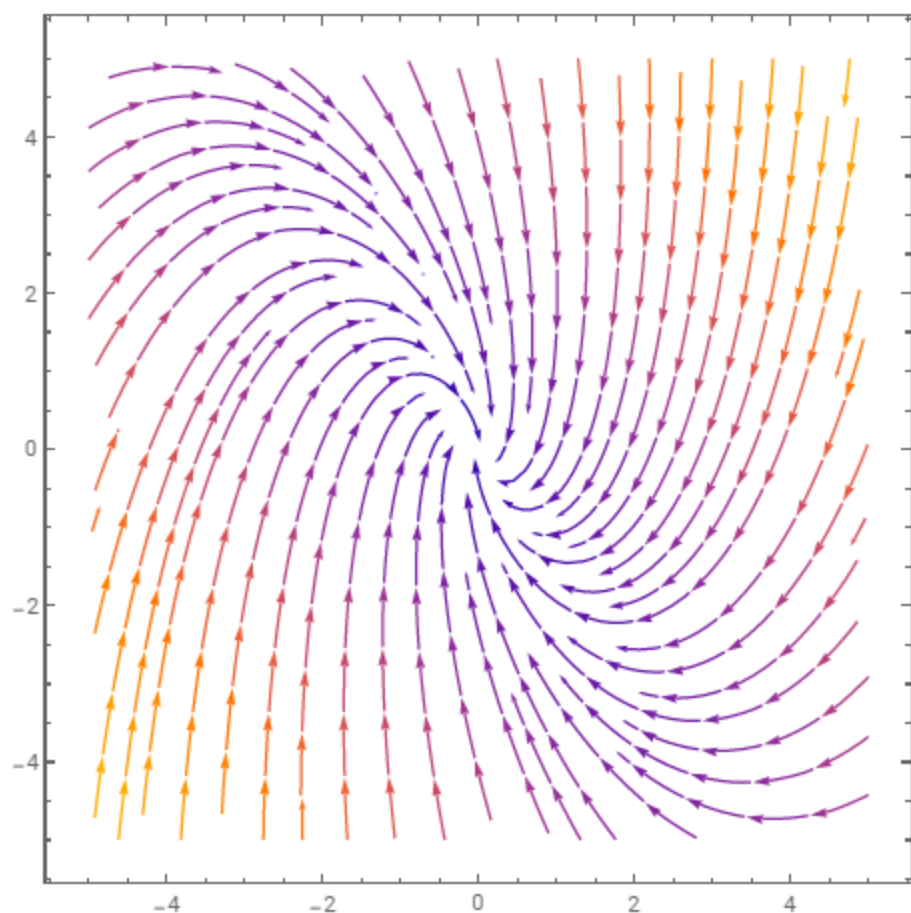


In[2]:= (* 27. $\frac{dx}{dt} = -2x + y$, $\frac{dy}{dt} = -5x - 4y$ *)

StreamPlot[{-2 x + y, -5 x - 4 y}, {x, -5, 5}, {y, -5, 5}]

Out[2]=



(* asymptotic limit of the solution starting at (1, 1) \rightarrow (0, 0) *)