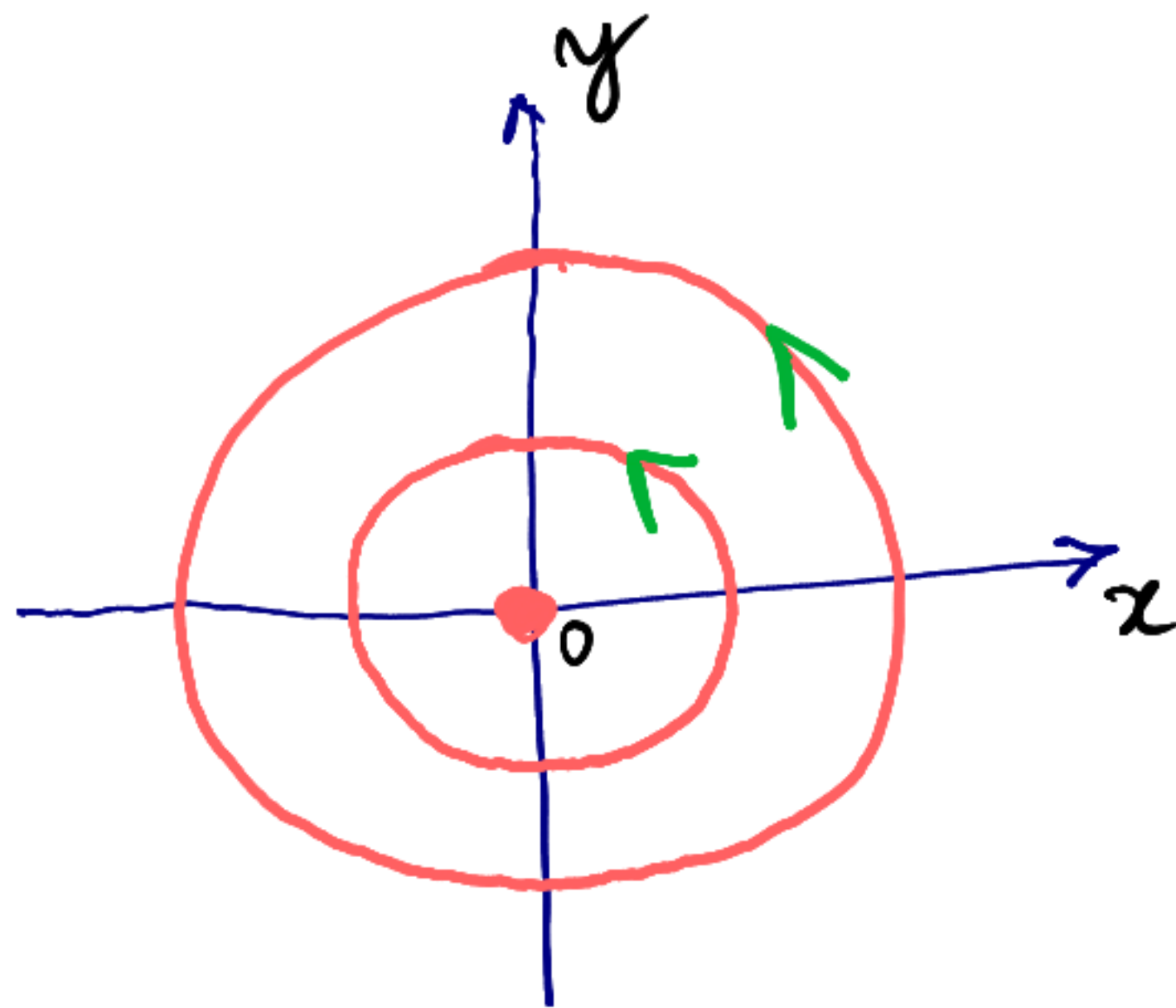
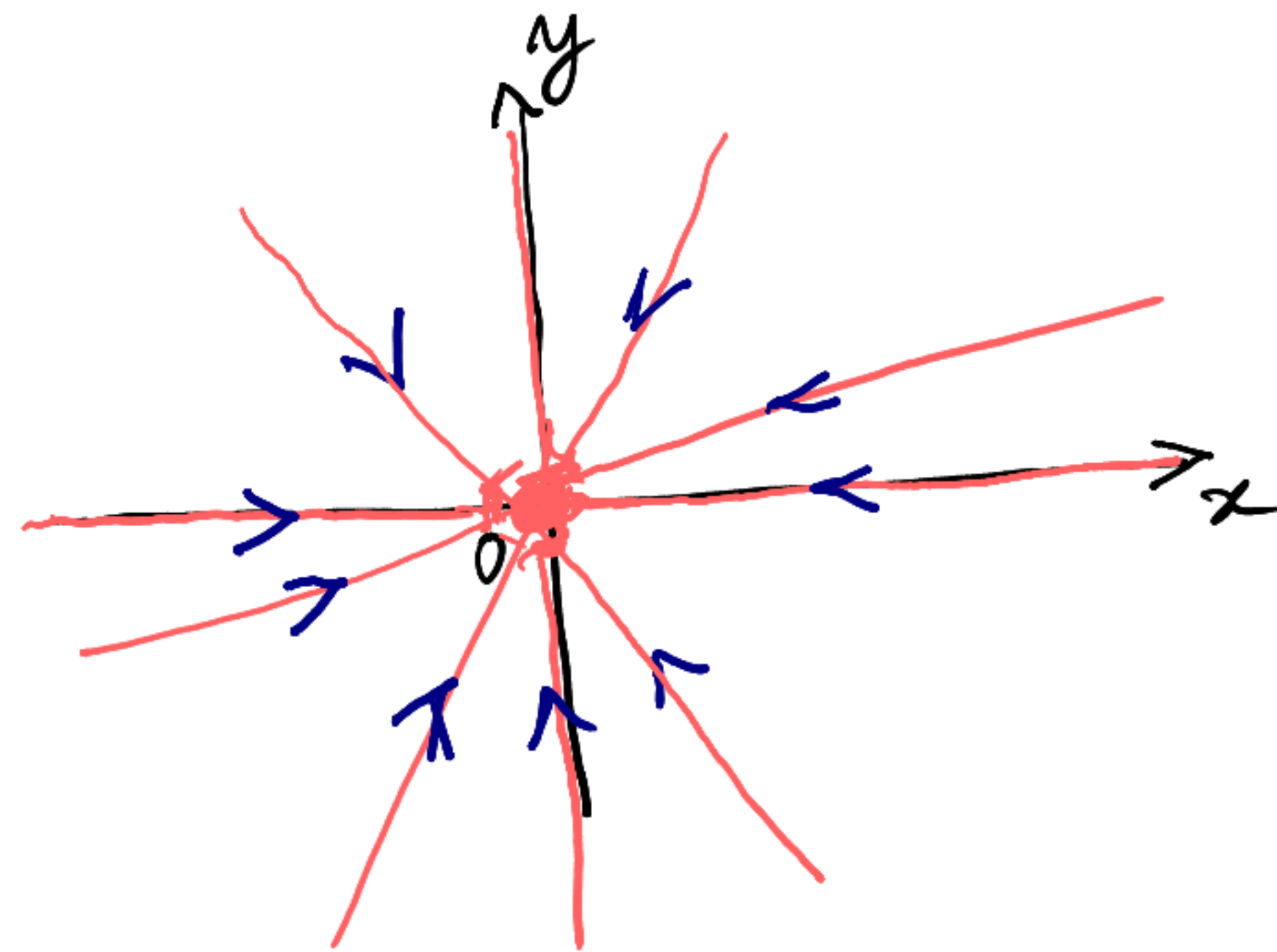


# Phase portraits of linear planar systems

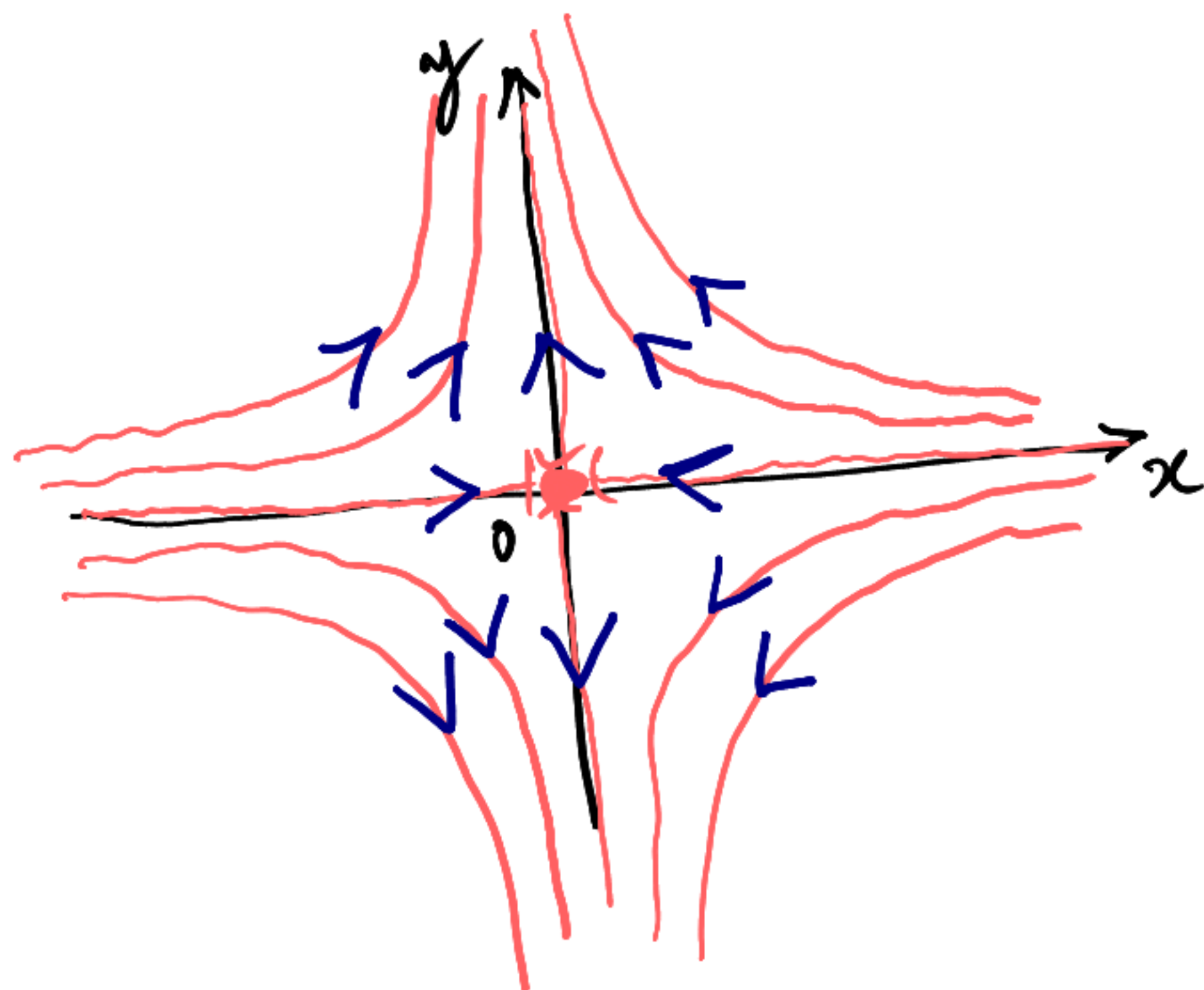
1)  $\dot{x} = -y, \dot{y} = x$



2)  $\dot{x} = -x, \dot{y} = -y$



3)  $\dot{x} = -x, \dot{y} = y$



4)  $\dot{x} = x - y, \dot{y} = x + y$

