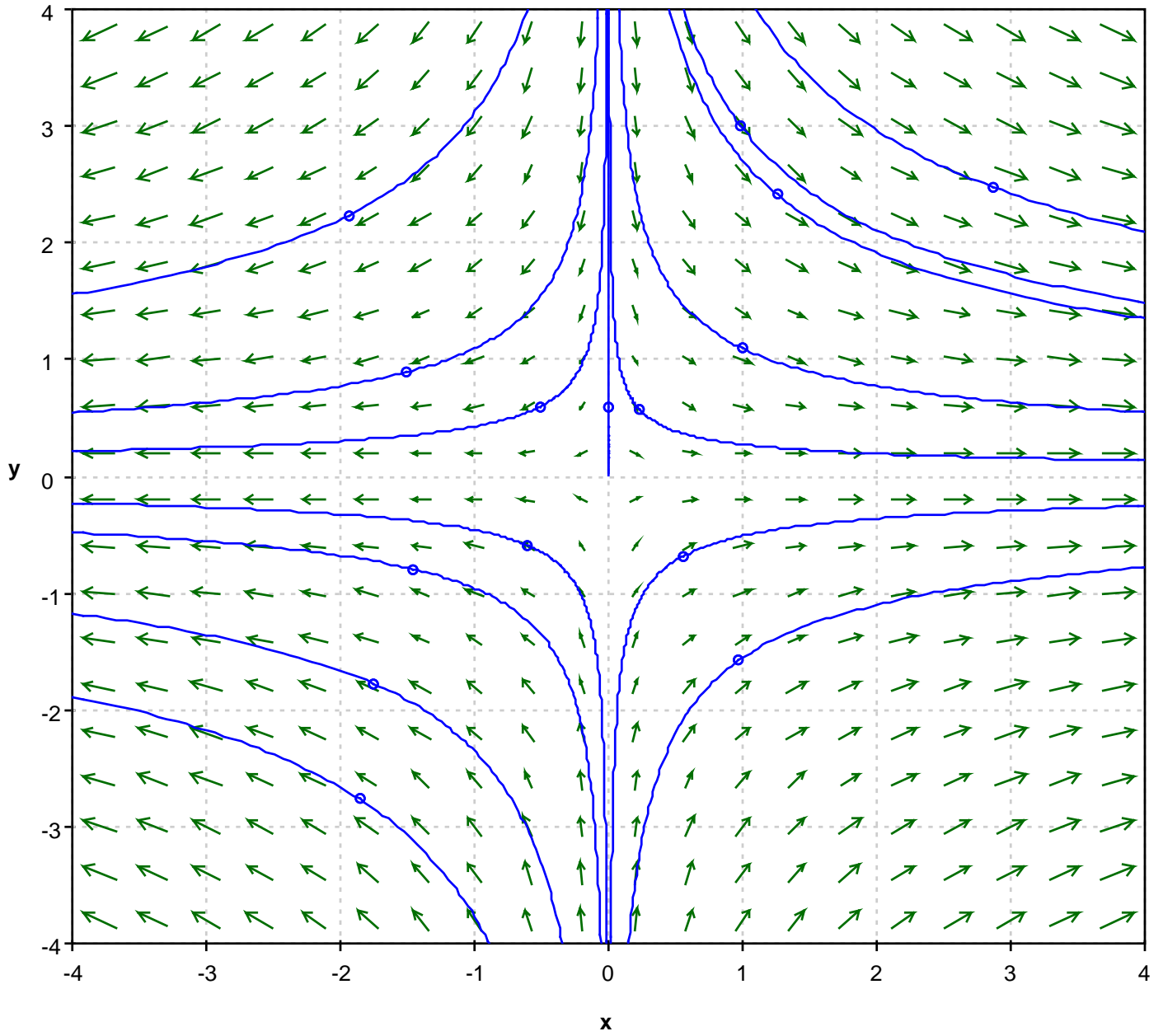


$$x' = 2x$$

$$y' = -y$$

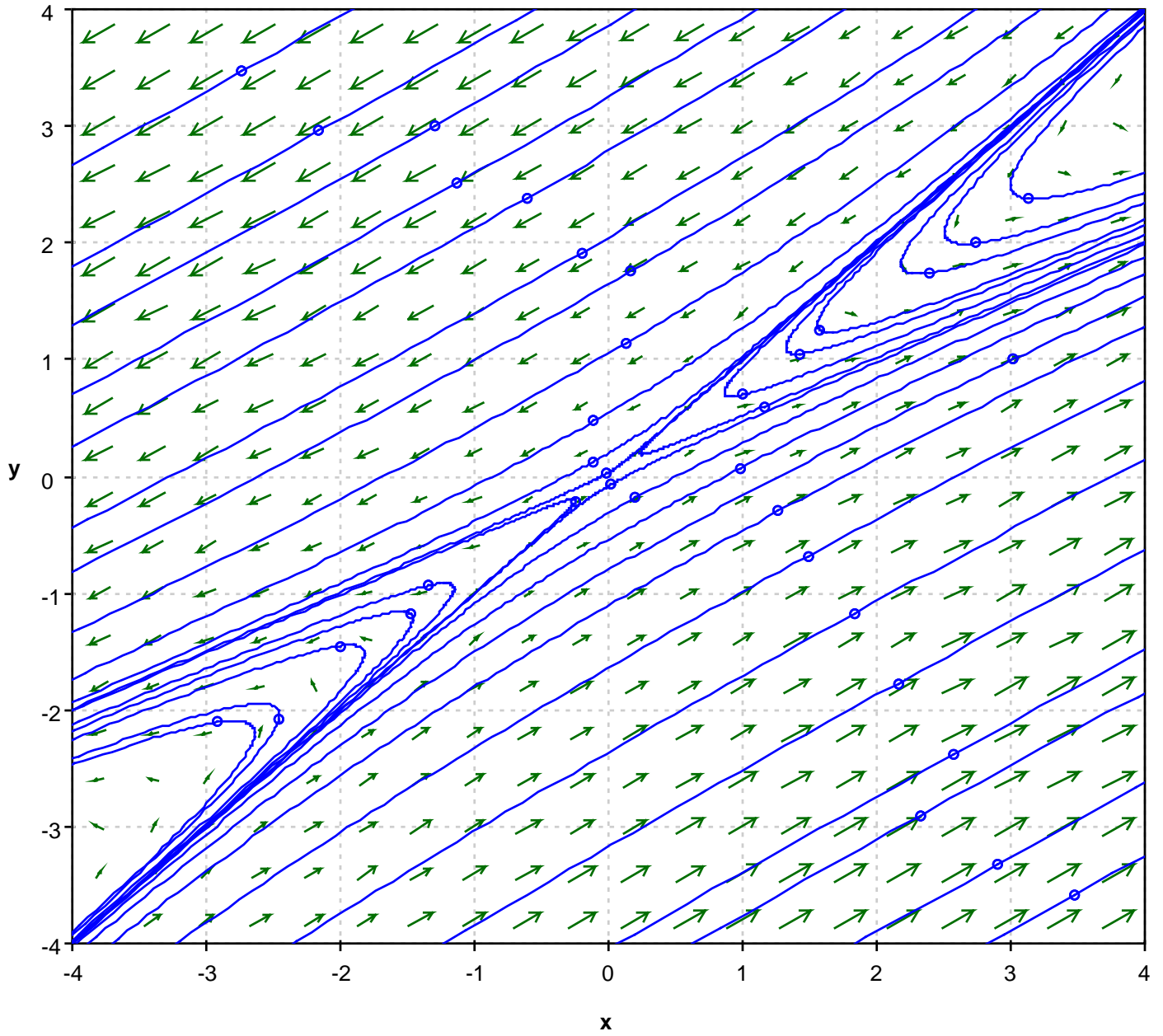
Uncoupled System



$$x' = 5x - 6y$$

$$y' = 3x - 4y$$

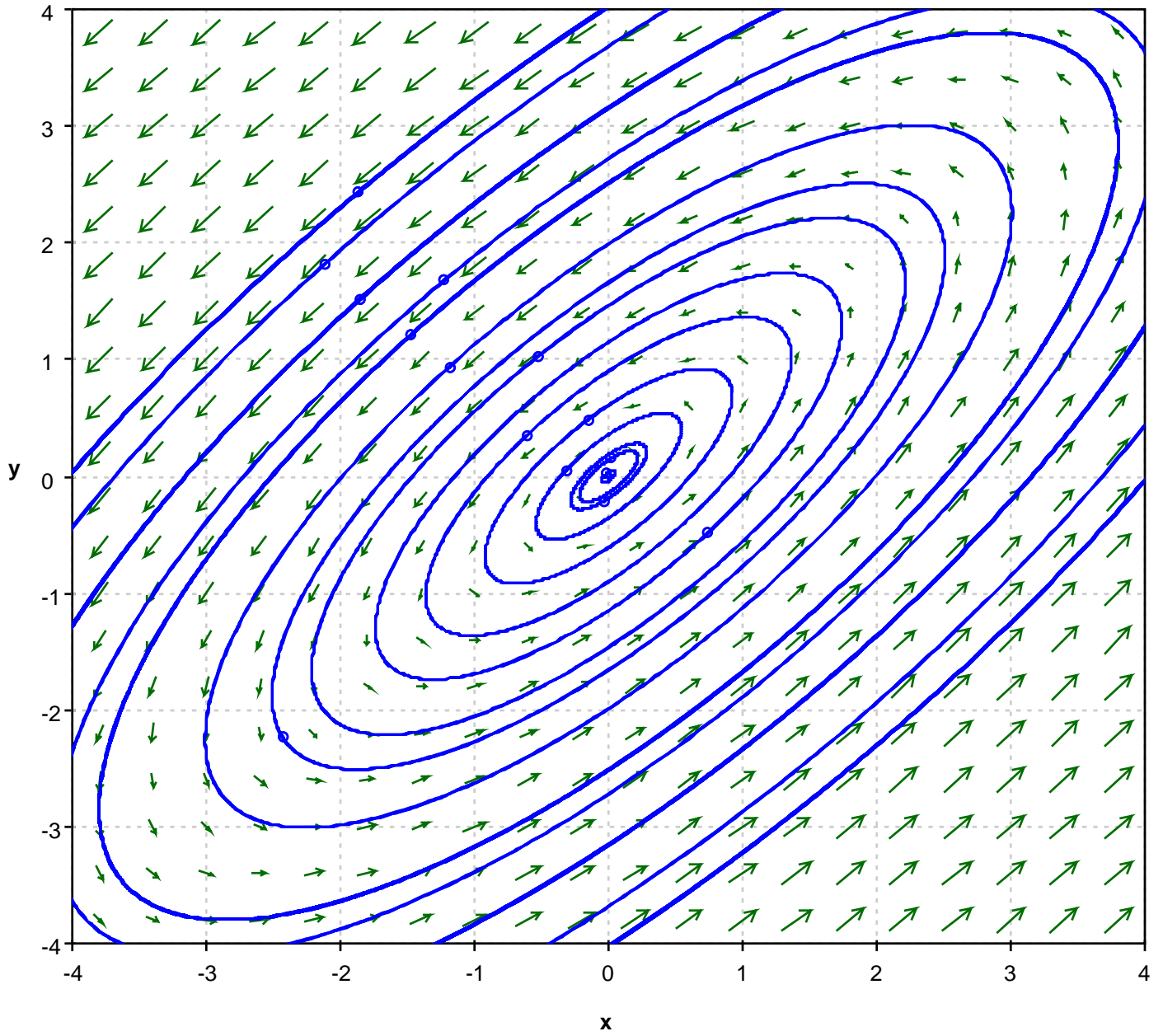
Coupled System



$$x' = 3x - 4y$$

$$y' = 4x - 3y$$

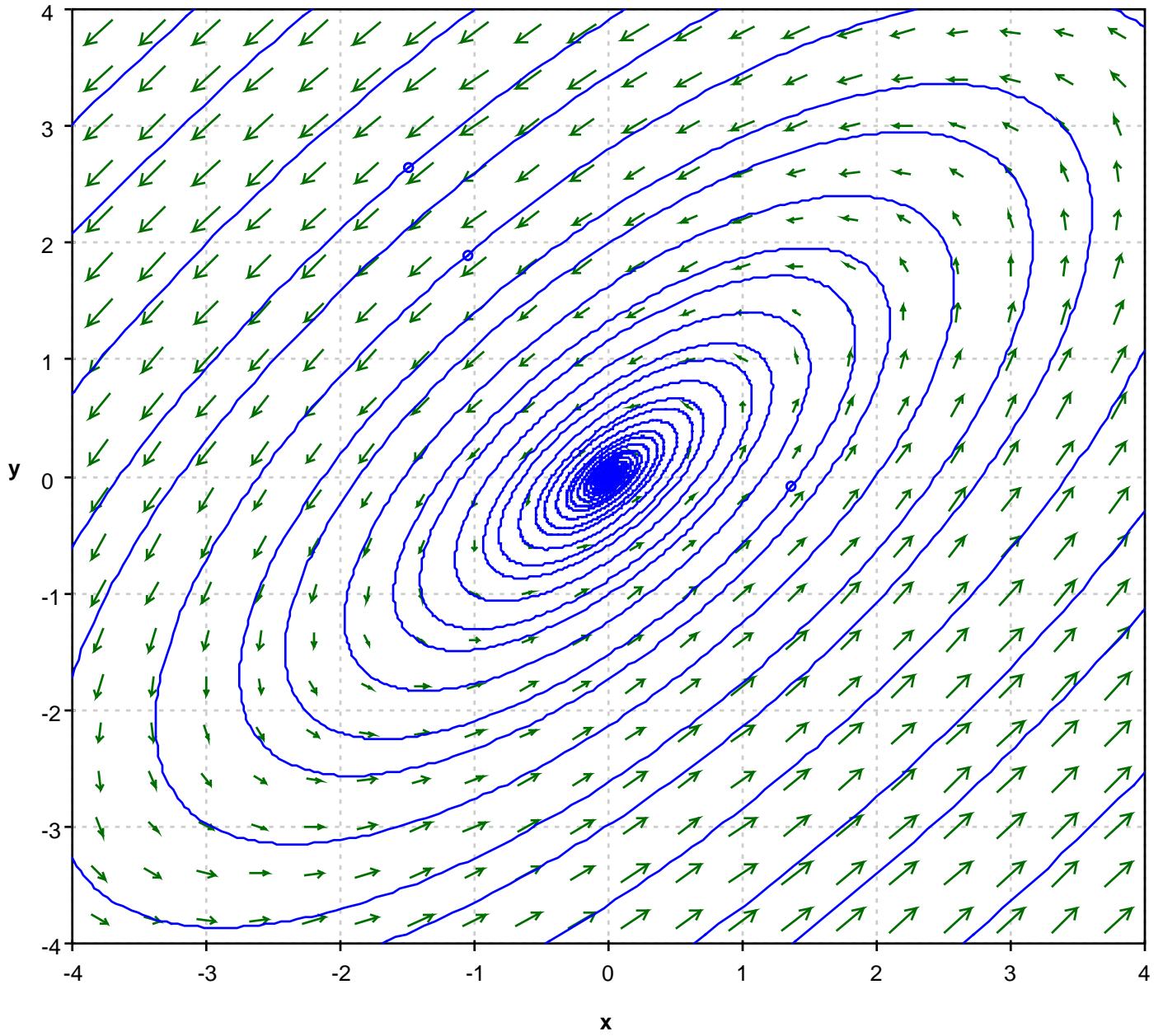
Periodic System



$$x' = 2.5x - 4y$$

$$y' = 4x - 3y$$

Stable Sink - Spiral In



$$x' = 2x + y^2$$

$$y' = -y - 5x^2$$

Nonlinear System

