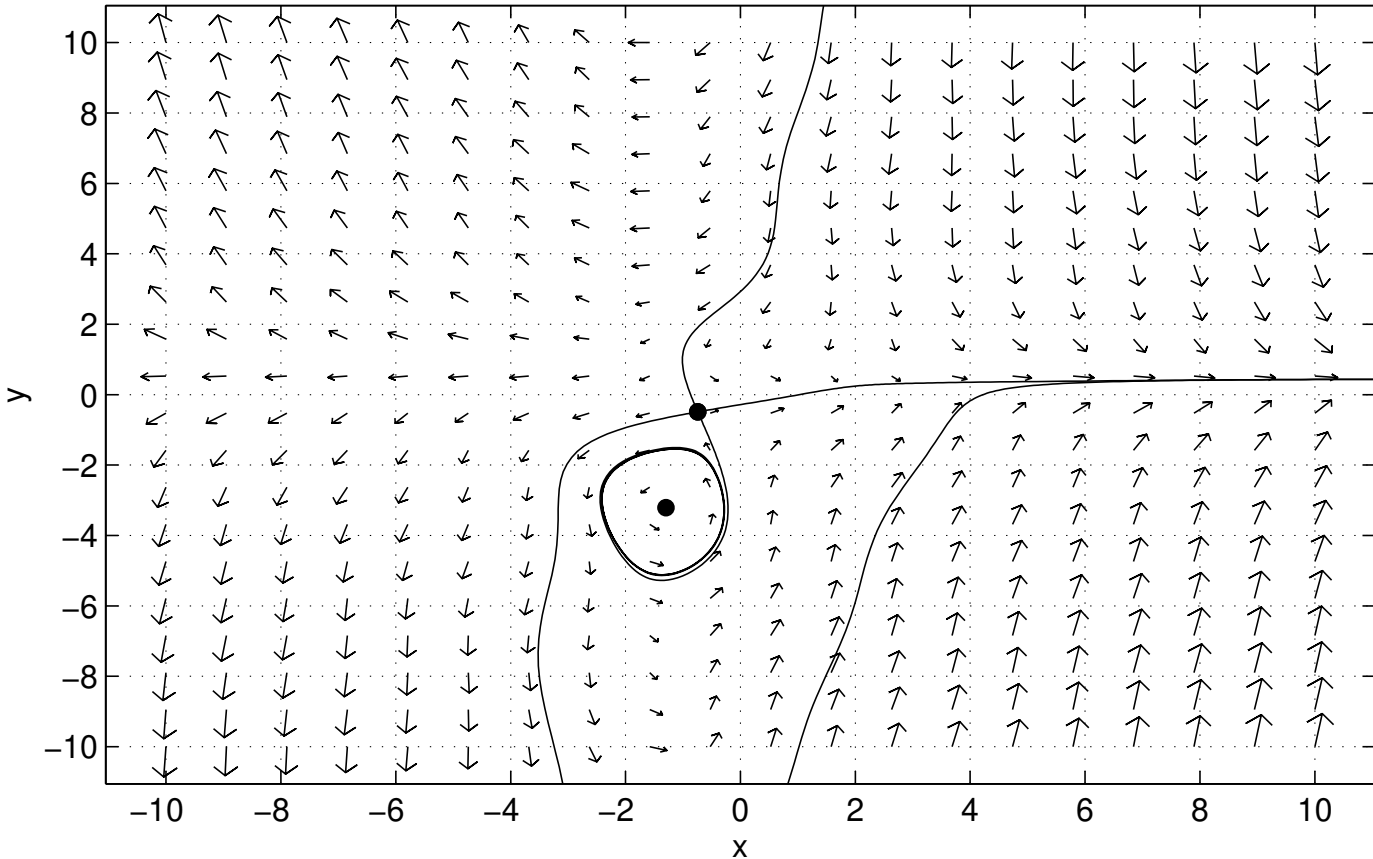$$x' = 2x - y + 3\cos(x + y)$$
$$y' = x - 3y - 2xy$$

Print

The first stable trajectory left the computation window.
The second stable trajectory --> a nearly closed orbit.
The first unstable trajectory left the computation window.
The second unstable trajectory left the computation window.
Ready.