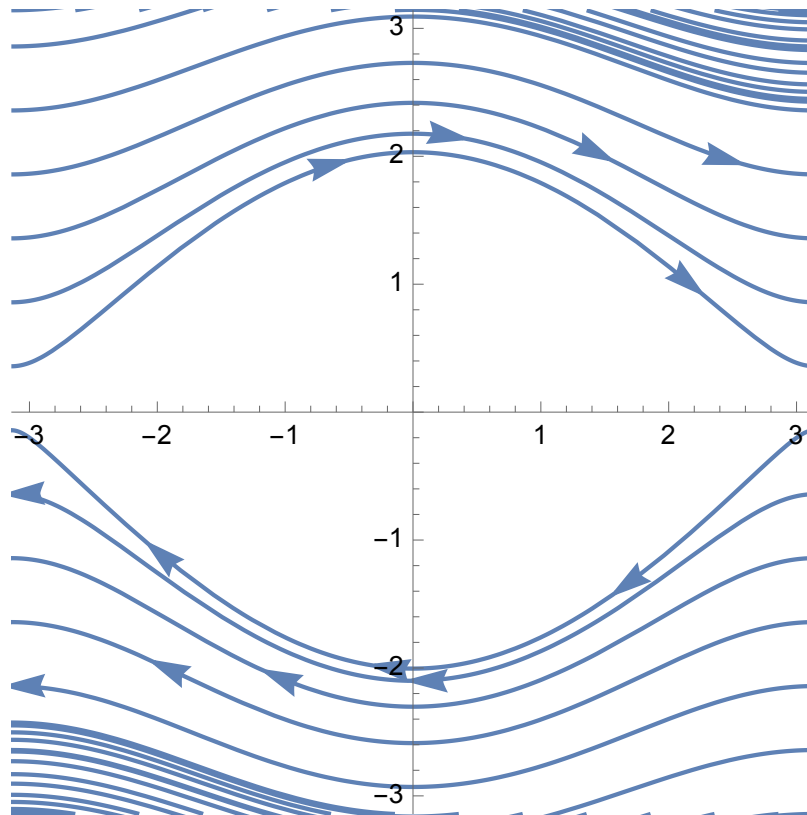
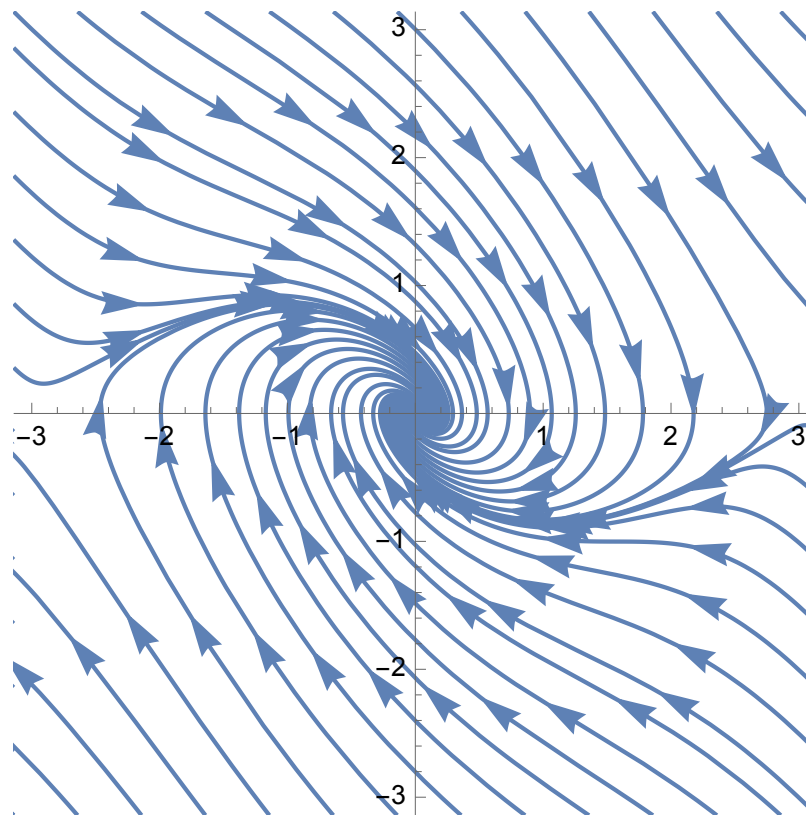


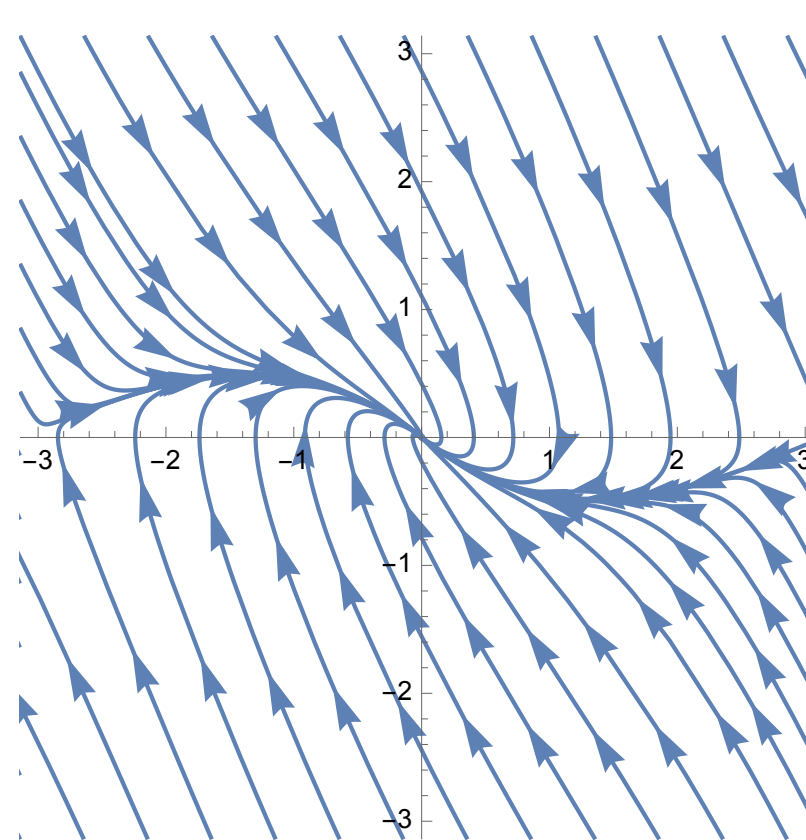
Stable Center  
FP at  $(0,0)$ ,  $\sigma=0$



Stable spiral  
FP at  $(0,0)$ ,  $\sigma=1$



Stable degenerate node  
Bifurcation point, stable spiral  $\rightarrow$  stable node  
FP at  $(0,0)$ ,  $\sigma=2$



Stable node  
FP at  $(0,0)$ ,  $\sigma=3$

