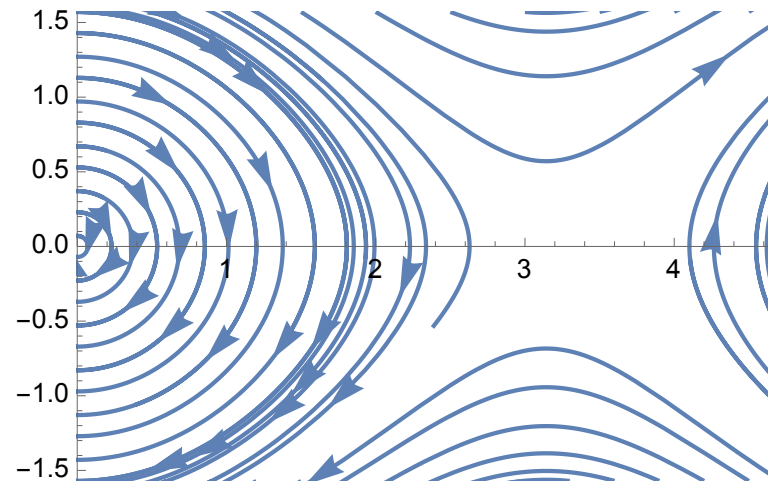
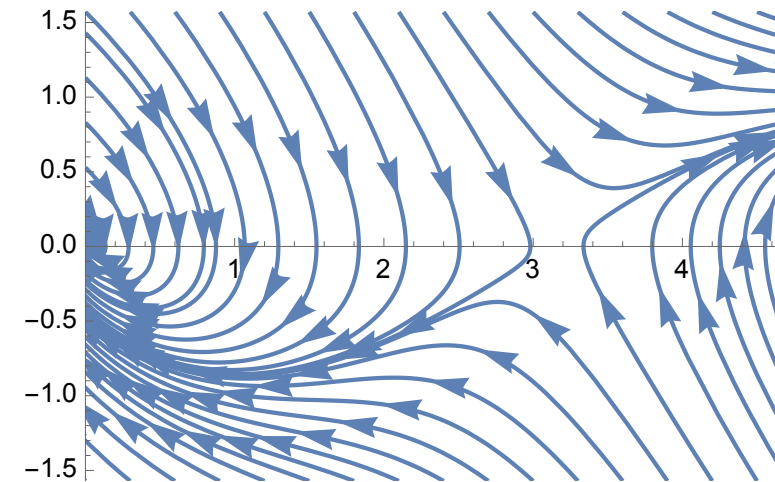


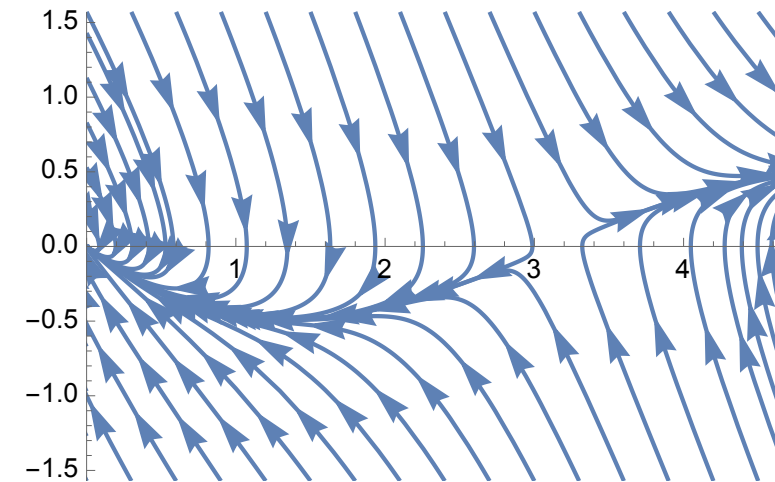
Saddle node
FP at $(\pi, 0)$, $\sigma=0$



Saddle node
FP at $(\pi, 0)$, $\sigma=1$



Saddle node
FP at $(\pi, 0)$, $\sigma=2$



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

