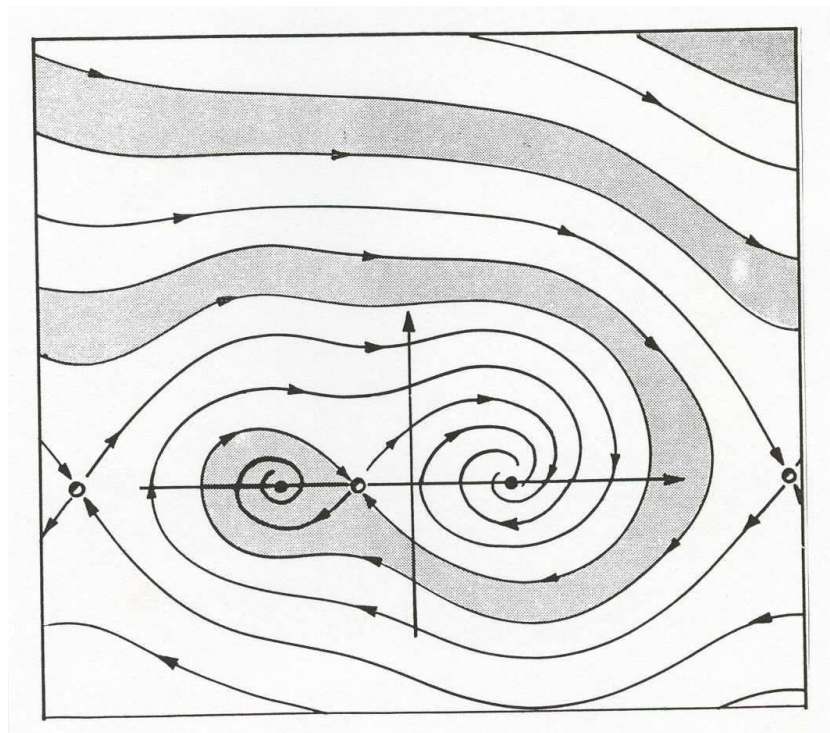
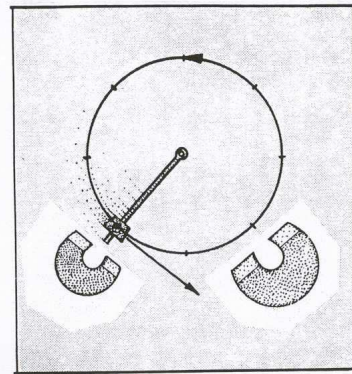


## Phase Portrait: Magnetic Pendulum [msl9]

$\dot{x} > 0 \rightarrow$  counterclockwise

2 hyperbolic points

2 spiral attractors



[Abraham and Shaw 1984]