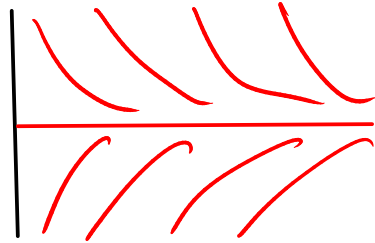


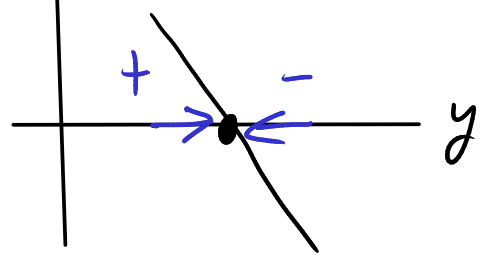
a/b is "attractive"
 0 is "repulsive"

stable critical point
stable equilibrium
unstable critical point
unstable equilibrium.

Stable

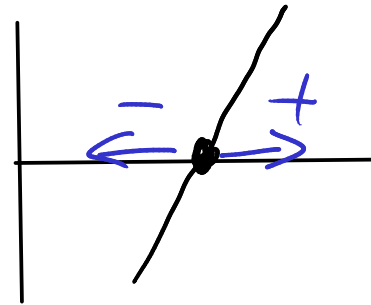
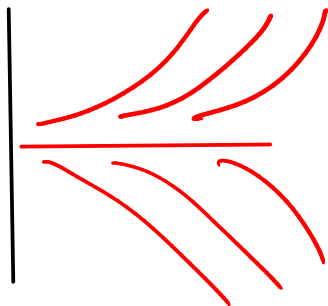


dy/dt



[restoring force or negative feedback loop]

Unstable



[amplifying force or positive feedback loop]