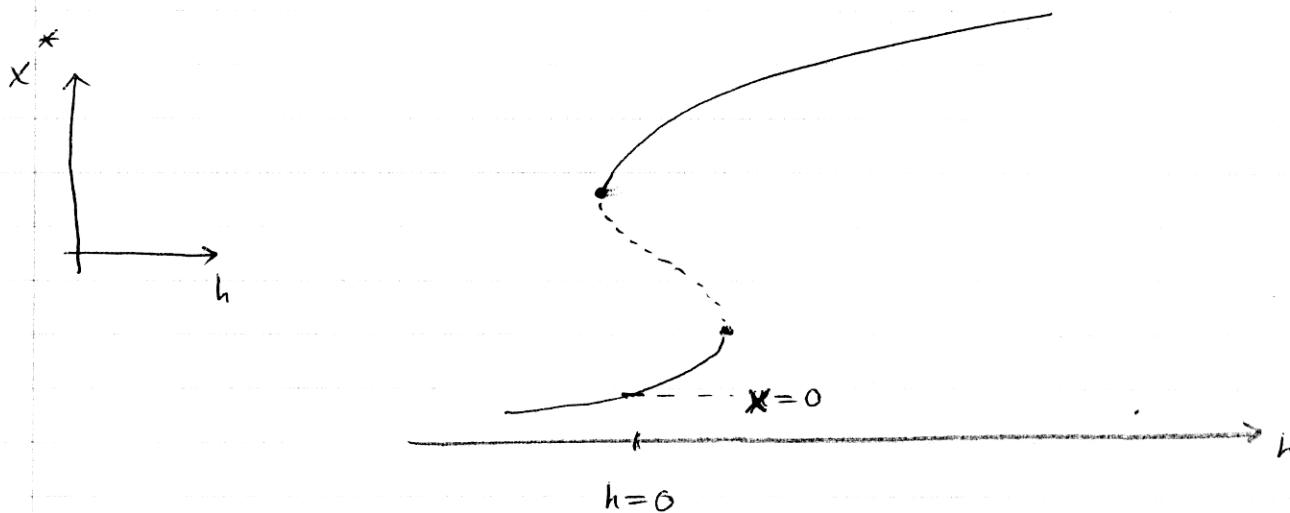


$h > 0$ and h small.

Three critical points: $0 < x_1^*$ STABLE
 x_2^* UNSTABLE
 x_3^* STABLE.

Note that $x=0$ is not a critical point if $h > 0$.



Bifurcation picture looks like this. For h very negative, have just one critical point (Stable); as h increases, a saddle-node bifurcation occurs, producing a stable/unstable pair. As h increases past 0, the unstable critical point approaches the stable one, and they meet in a second saddle-node bifurcation. After that there is just one stable