







 $3 \quad \dot{\chi} = r\chi + h\chi^2 - \chi^3$ when h=0: $\dot{x}=rx-x^3$ — Suppression Bucker Bucker cmay remember: rx+hx3-x3=0 $n(r+h\alpha - n2) = 0$ n' = 0 - nopello beliga $-n^{\circ}+hx+r=0$ D = h2+4n ≥ 0 1) ecuu r>0: 20 >0 - 2 kopus a) ecus r < 0: $h^2 - (-4r) \ge 0^2$ $(h-2\sqrt{-r})(h+2\sqrt{-r}) \geq 0$ not nop. Varop. 2 Kopilee



