18.03 Poolbeurs Workshed H2

- 1. Consider the system $x^1 = 2x 3xy$ $y^1 = -y + 2xy$
 - (i) find the control point
 - (ii) Linearize at exact control point. Say what the implies about the nonlinear system.
 - (iii) On the xy-plane show exect contical point and its
 - (14) Tie the points is (111) together into a phono portrait

 8) the system.

Note one other contrider several possibilities for this type.

- 2. In Robbeul 8) sheat 41 we worked with the system $X^1 = 3x x^2 xy$
 - a) Which is the predictor? Which is to breep?
 - b) If there is no y (y=0). What is the model for x?

 Analyse it, what is it called?
 - c) We sketched the yesterday, does the liveringed system match the non-livers one?