

Winter '04

AMAT 411

Due Date: Mar 24.

Assignment 4

* problems will be graded.

1. Text: pg. 218, prob. 2(b).

* 2. Text: pg 218, prob 4.

* 3. (a) Find all critical points of the system

$$x' = x(3-x-y)$$

$$y' = y(-1+x-y)$$

(b) Determine the nature and stability of $(0,0)$.

4. Text. p 220, prob 10 (a).....

* 5. Text p. 220, prob 10 (b)

* 6. Text p. 220, prob 10 (c)