

MATH 3250, SECTION 301
QUIZ 9
04/24/2017

Name:

- (1) Find all of the equilibrium points and the linear approximation system at each. Give the classification of the equilibrium point as to type and stability.

$$\begin{aligned}x'(t) &= x - xy \\ y'(t) &= xy - y.\end{aligned}$$

(6)