KFUPM/ Department of Mathematics & Statistics/ 161/ MATH 260-05/ Quiz 4

Name: ID #: Serial #:

1. Solve the system: x' = 10y, y' = -10x

2. Solve the system X' = AX where $A = \begin{bmatrix} 3 & 2 & 2 \\ -5 & -4 & -2 \\ 5 & 5 & 3 \end{bmatrix}$, given that 3 is an eigenvalue of A.

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