

Weekly test #4

Name:

Surname:

Exercise 1

Find the eigenvalues of the following matrix and determine whether it is diagonalizable:

$$\begin{pmatrix} 0 & 2 & 2 \\ 0 & -1 & 1 \\ 0 & -1 & 1 \end{pmatrix}$$

Write your solution here:

Exercise 2

Give the definition of Similar Matrix