

Math 3280 Worksheet 31: complex eigenvalues

Group members (2 to 4): _____

(1) Find the eigenvalues and eigenvectors of the matrix

$$A = \begin{pmatrix} 3 & 0 & -2 \\ 0 & 3 & -2 \\ 1 & 0 & 1 \end{pmatrix}$$