

Elementary Linear Algebra - MATH 2250 - Quiz 22

Name:

1. For a matrix  $A$  with all independent eigenvectors  $A^k \rightarrow O$  as  $k \rightarrow \infty$ , if all the eigenvalues of  $A$  \_\_\_\_\_.
2. A matrix  $A_{n \times n}$  has  $n$  independent eigenvectors, if all the eigenvalues of  $A$  \_\_\_\_\_.