

EE 5150: Math Methods for Signal Processing

Assignment 6

Textbook (Meyer) problems

7.1.9, 7.1.10, 7.1.13, 7.1.15

7.2.2, 7.2.3, 7.2.10, 7.2.14

Remarks on Book Notation

- $\sigma(\mathbf{A})$ denotes the set of all the eigen values of $\mathbf{A}$.
- Geometric multiplicity (*geo mult*(λ)) denotes the dimension of Eigen space E_λ .