Linear Algebra

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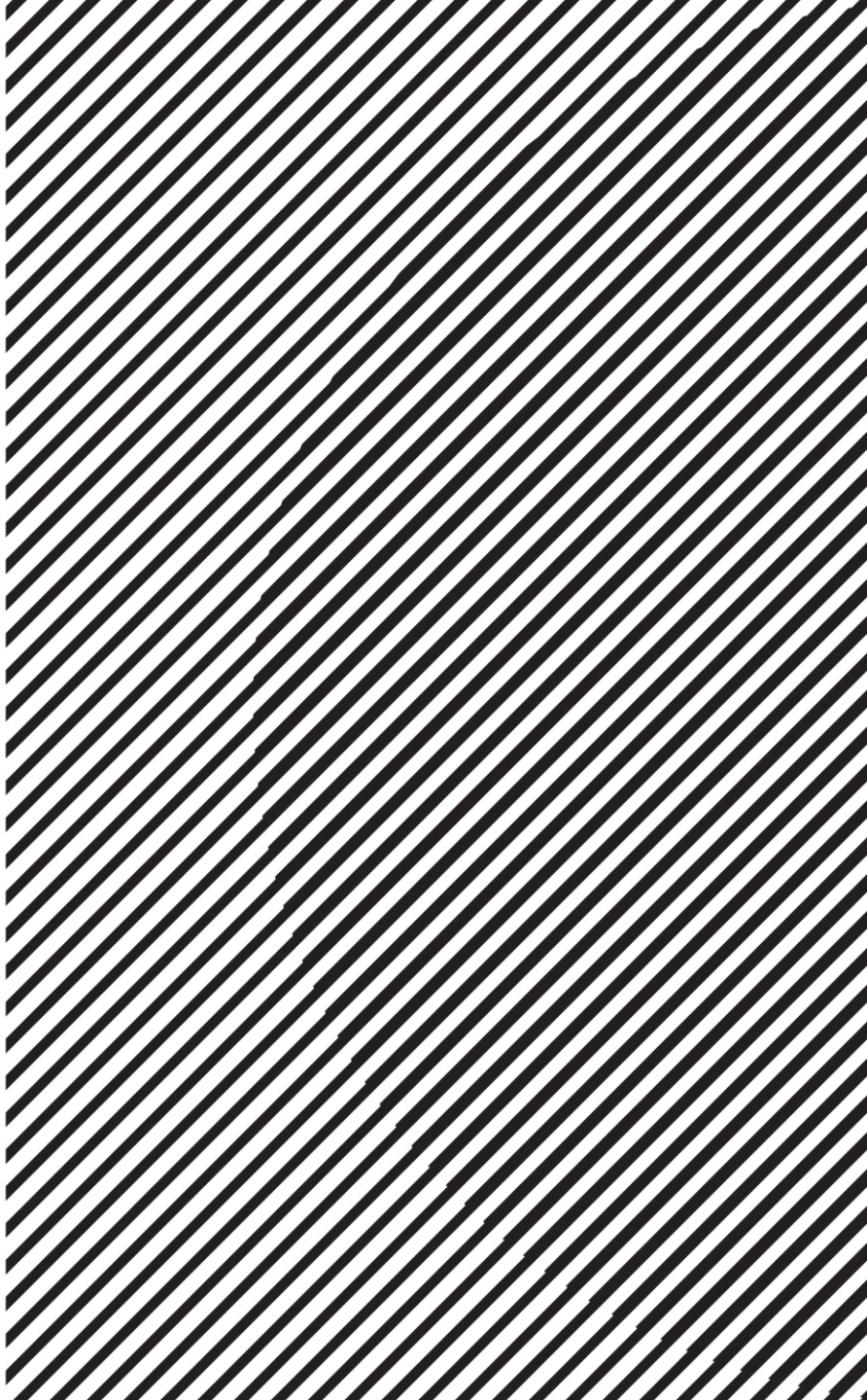

Further Study

- Determining whether a matrix $A \in \mathbb{R}^{n \times n}$ diagonalizable.
  - Geometric multiplicity should be equal to algebraic multiplicity.
  - As a special case, A has n distinct eigenvalues, A is diagonalizable.
  - Lay Ch5.3
- Solving $(A - \lambda I)\mathbf{x} = \mathbf{0}$ for a given eigenvalue λ
  - Lay Ch1.5