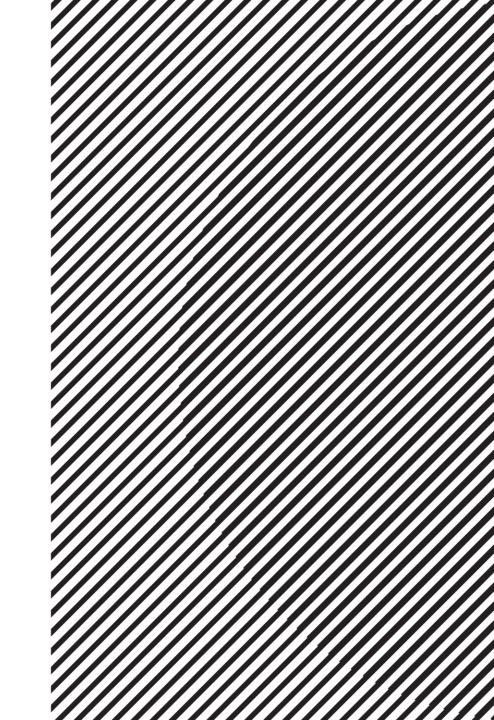# Linear Algebra

주재걸
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Summary So Far

- Least squares
  - Derivation of normal equation
  - Case of non-invertible $A^T A$
- Orthogonal and orthonormal vectors
- Orthogonal and orthonormal basis of a subspace
- Orthogonal projections
- Gram-Schmidt orthogonalization and QR factorization