Homework 3

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When is This Solvable?

* + **ATA** should be invertible
  + **ATA** should not be too small due to noise
    - eigenvalues l1 and l2 of **ATA** should not be too small
  + **ATA** should be well-conditioned
    - l1/ l2 should not be too large (l1 = larger eigenvalue)

**ATA** is solvable when there is no aperture problem