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Describe in detail membrane theory for shells of double curvature

- SYN-elastic
- ANTI-elastic
- Explain following theory of plates
  - Approximate methods
  - Strain energy methods
  - Experimental methods
- Write short notes on any four of the following:
  - Fourier loadings a)
  - Boundary conditions
  - Continuous rectangular plates
  - Moment curvature relationship
  - Symmetrical bending of circular plates e)
  - Equilibrium for shells of surface of revolution

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Hyperbolic-parabolic shells Funicular shells

Spherical shells