

Engr 672: Viscoelasticity

Integral and differential operator forms of constitutive relationships, relaxation and creep characteristics, integran and Fourier transform methods. Laplace transform methods and approximate inversion techniques. Dynamic response problems and temperature-dependent effects. Nonlinear behavior characterization.

3 Credits

Prerequisites

Engr 617: Continuum Mechanics

Instruction Type(s)

Lecture: Lecture for Engr 672

Subject Areas

- Engineering, General
- Mechanical Engineering
- Civil Engineering, General

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