Engr 672: Viscoelasticity

SCHOOL OF ENGINEERING

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 $target.descriptions.MinimumGrade$

Instruction Type(s)

- Lecture: Lecture for Engr 672

Subject Areas

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