

Advanced Structural Nonlinearities

Length: 3 Days

Focuses on element selection and the wide range of constitutive models available in ANSYS. Rate-independent plasticity, viscoplasticity/creep, and hyperelasticity are some of the topics which will be discussed. Geometric instability problems and element birth and death will also be covered.

Attendees will learn the appropriate element formulations to use, the input of nonlinear material parameters, and the applicability of the various constitutive models for engineering use.

Prerequisite: Basic Structural Nonlinearities

Course Topics Include:

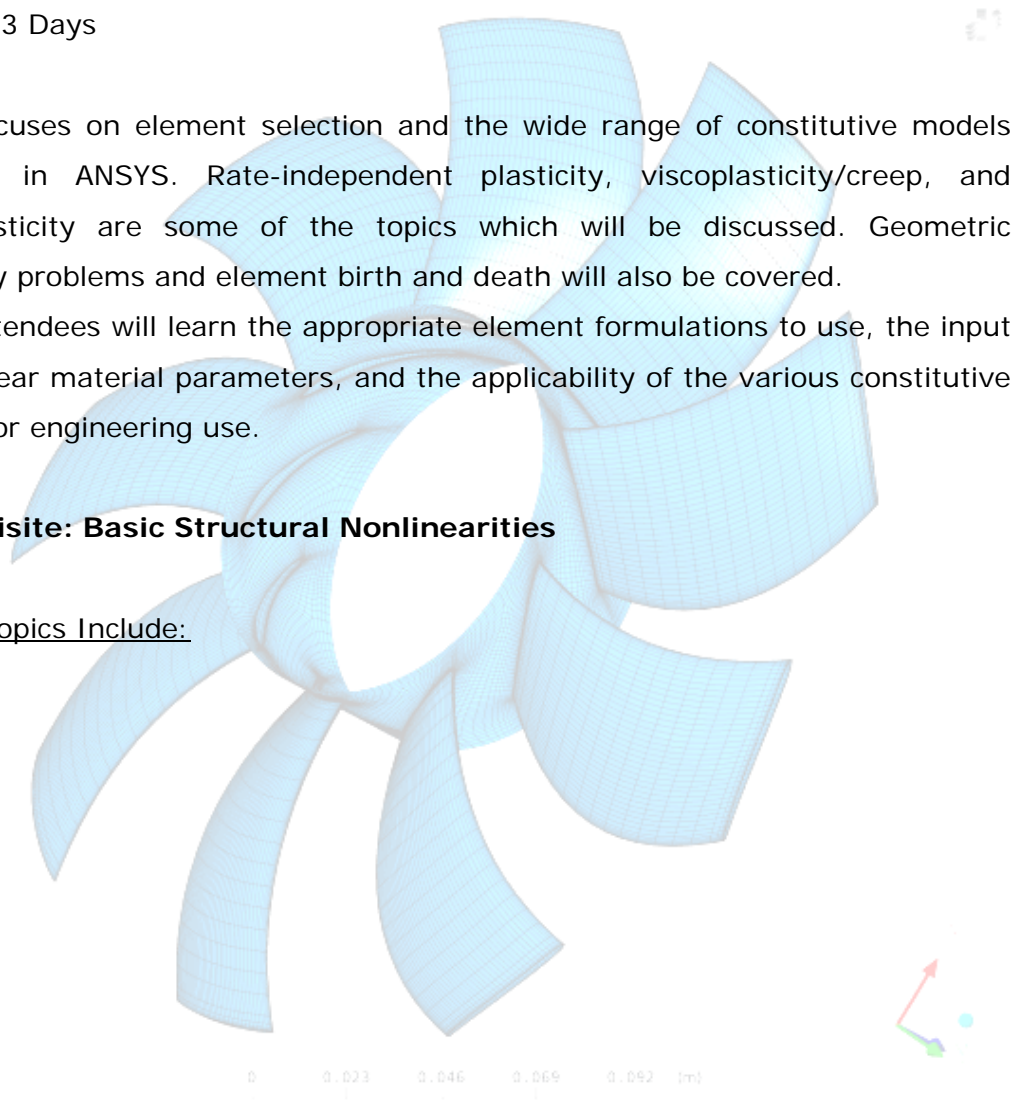


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