



GRUPO

TRAINING

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ANSYS Workbench-Simulation Structural Nonlinearities

Length: 2 Days

ANSYS Workbench-Simulation Structural Nonlinearities (2-day training course) is for engineers that need to perform structural nonlinear analyses using the Workbench-Simulation environment. It is intended for users already familiar with the procedures for performing a linear static analysis in Workbench-Simulation. The course introduces the nonlinear solution procedure and covers how to setup a structural nonlinear analysis, define nonlinear solution options, and review the nonlinear results.

Advanced contact analysis procedures are discussed for simulating contact between two or more solid bodies. In addition, metal plasticity, hyperelasticity (including curve-fitting tools to help translate experimental data to strain energy density function coefficients), how to diagnose non-convergence problems, and how to interface with ANSYS are also covered in the training course.

Prerequisite: ANSYS Workbench-Simulation Introduction

Course Topics Include:

ANSYS®

REV. - CAP12/07

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