

Learning Module

Obtaining a Converged Solution with Abaqus

Obtaining converged solutions for highly nonlinear simulations can sometimes be challenging. Difficulties can arise, especially in simulations involving contact, complicated material models and geometrically unstable behavior. Many years of practical experience in understanding and resolving convergence issues have been condensed into this course.

Objectives

Understand how nonlinear problems are solved in Abaqus.
Develop Abaqus models that will converge.
Identify modeling errors that cause models to experience convergence difficulties.
Recognize when a problem is too difficult or too ill-posed to be solved effectively.

Knowledge Prerequisites

This course is recommended for engineers with experience using Abaqus.

Language(s) for selected release

English

Brands

Simulia

Available Releases

SIMULIA 2021, SIMULIA 2020, SIMULIA 2019,
SIMULIA 2018, SIMULIA 2017, SIMULIA 2016,
SIMULIA V6.14, SIMULIA V6.13, SIMULIA V6.12

Duration

16 hours

Discipline

Advanced Abaqus

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