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Abaqus Tutorial 25: Python Scripting to run different models. Learn how to create a model of a bending beam and subsequently create a macro and a python script to change the mesh size in the model and rerun it.EN234: Computational methods in Structural and Solid Mechanics . EN234 ABAQUS TUTORIAL . School of Engineering . Brown University . This tutorial will take you all the steps required toFor each scripting example, the book first describes how to set up the model in the GUI (Abaqus/CAE). This is because you need to know how to perform the simulatino in Abaqus/CAE in the first place, before you attempt to script and enhance it.Abaqus 6.9 has introduced the ability to model cohesive cracks in the XFEM 1 framework using a version of the superimposed element formulation originally introduced by Hansbo 2.This method was later used by Song 3 as a means to more conveniently introduce XFEM into the traditional FEM framework. For more information please see the Abaqus 6.9 Webinar (63:15).