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ANSYS Workbench Tutorial using Static Structural to model a RC Beam (Reinforced Concrete Beam). Failed elements or cracked and crushed elements are shown using the PLCRACK command.

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The exercises in the ANSYS Workbench Tutorial introduce the reader to effective engineering problem solving through the use of this powerful modeling, simulation and optimization tool. Topics that are covered include solid modeling, stress analysis, conduction/convection heat transfer, thermal stress, vibration and buckling.

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1-3 TUTORIAL 1A - EXTRUSION Follow the steps below to create a solid model of an extrusion with an L-shaped cross section. 1. Follow the steps outlined in the previous chapter Figures I-1 through I-4 to Start ANSYS Workbench. Double click Geometry or drag Geometry into the Project Schematic as shown below.

Finite Element Simulations with ANSYS Workbench 14

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ANSYS Tutorial Reinforced Concrete Beam (RC BEAM) - Static Structural

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978-1-58503-754-4 -- ANSYS Workbench 14 Tutorial

No need to have prior knowledge about Ansys Workbench. The Course teaches the Ansys workbench software from the beginning. A basic Knowledge on Finite Element Method and Strength of Materials is Good. Accesses to Ansys Workbench Software from version 14.0 upto the Latest version. The most important factor is the enthusiasm to learn .

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Civil Engineering: See All 4 Departments. Avg. Customer Review. 4 Stars & Up ... ANSYS Workbench 14.0: A Tutorial Approach. by Prof. Sham Tickoo Purdue Univ. and CAD/CIM Technologies | Jul 26, 2012. 2 ... ANSYS Workbench Tutorial with Multimedia CD Release 12, by Jack Zecher and Fereydoon Dadkhah | Dec 21, ...

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