



Technical Seminar: Assembly Modeling for Optimization

Topics:

- Modeling Bolts using RBE2 and RBE3
- Extracting bolt stresses using a simple API
- Gluing together parts
 - Plate Elements
 - Solid Elements (Hex to Tet)
- Contact between parts
 - Plates
 - Solids

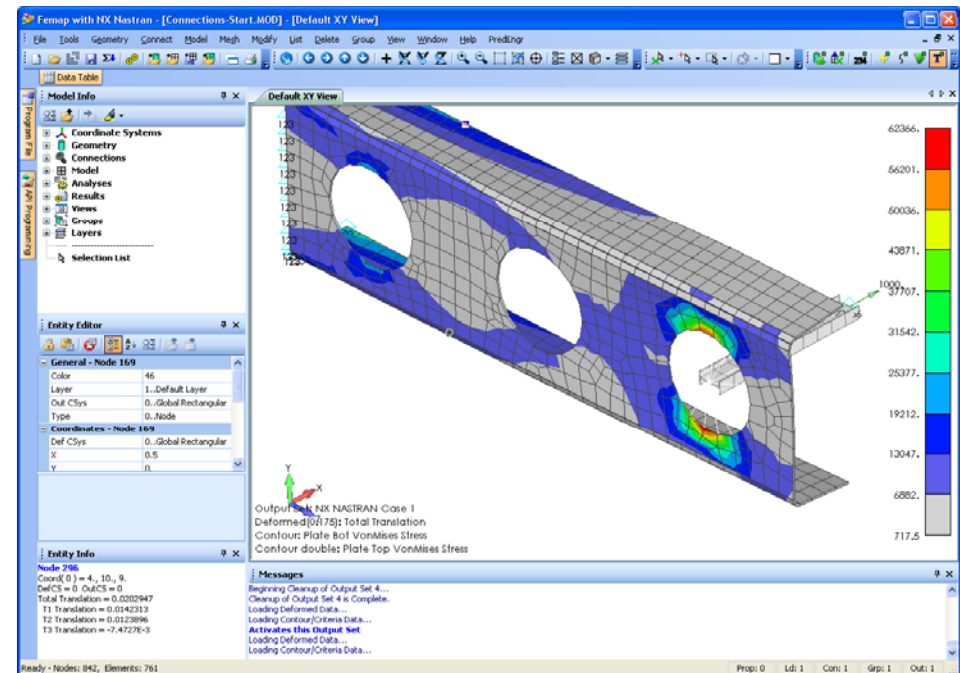
May 5, 2010

A Brief Q&A Period



Technical Seminar: Assembly Modeling for Optimization Modeling Bolts Using RBE2 and RBE3

- ❑ Assembly modeling means different things to different people. This example explores the use of RBE2 and RBE3 elements.
- ❑ One can check element definitions in the F06 file.
- ❑ RBE2 – Rigid
- ❑ RBE3 – Force Smearing Element





Technical Seminar: Assembly Modeling for Optimization Extracting Bolt Stresses

□ You'll just have to come to the seminar....more slides later!

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