

RADIOSS

ANALYSIS

BASIC ANALYSIS: RADIOSS BULK

- ▶ Understanding Linear Statics and Dynamics
- ▶ Radioss Bulk format, Element Types, Loads, Materials and other Control Cards
- ▶ Strength analysis - Linear static
- ▶ Stiffness analysis
- ▶ Vibration analysis

POST PROCESSING : HYPERVIEW

- ▶ Basic interaction with HyperView
- ▶ Results visualization: contour, deformed and iso surface
- ▶ Animating results in the animation window

PRESENTING RESULTS :

- ▶ Creating BMP, JPEG, TIF, AVI files and HTML files
- ▶ Converting AVI files for use in the video window

HOW TO VALIDATE YOUR ANALYSIS RESULTS?

- ▶ Is your Analysis results are good?
- ▶ Using Engineering judgments to understand spurious stress
- ▶ How do we choose mesh size?

EXERCISES

COURSE DURATION

40 HOURS