



Description:

Dynamic Analysis in RISA-3D is 1.5 hours of on-demand training that covers Response Spectrum Analysis and Time History Analysis with applications related to seismic design, equipment vibration, and blast loading. This interactive training is designed to walk users through the steps required to handle a variety of dynamic analysis situations, while ensuring that the required code parameters are followed.

Learning Type: Virtual (On-Demand)

Price: \$125

Topics Covered:

Response Spectra Analysis

- Generating a Response Spectrum (SDOF)
- Modal Combination Methods (SRSS, CQC, Gupta)
- Key Dynamic Inputs within RISA-3D

Seismic Design

- Equivalent Lateral Force Method vs. Response Spectra Analysis
- Scaling Factor
- Load Combinations

Time History Loading

- Custom Time History Function (Blast Loading)
- Equipment Vibration Loading
- Resonance
- Ramp Up/Coast Down Functions

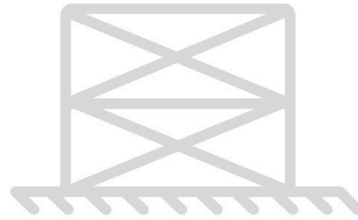
Benefits of Attending:

- Deep dive into more advanced topics
- Learn Best Practices for Generating Response Spectra
- Perform Dynamic Seismic Design
- Master Time History Loading for Blast & Equipment Demands

What You Will Learn



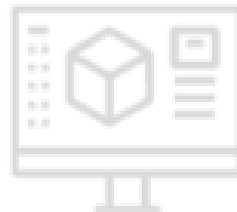
Response Spectra Analysis



Dynamic Seismic Design



Time History Loading



Key Program Inputs