



Composite Materials In LS-DYNA

This course will allow first time LS-DYNA users to use composite materials. The most important elements to start using all the composite material models in LS-DYNA will be presented in the 8 hours.

Introduction

Defining Fiber Direction

LSDYNA Composite Materials

- 22 Composite_damage
- 54,55 Enhanced_composite_damage
- 58 Laminated_composite_fabric
- 59 Composite_failure(_shell, _solid)_model
- 158 Rate sensitive composite
- 221 Orthotropic material
- 261/262 Laminated_fracture_diamler
- 299 Woven_micromechanics_impact

Experimental Characterization

Material Data & Behavior Demonstration

Concluding Remarks

