



Finite Element Analysis of Composite Materials Using ANSYS®, Second Edition

By Ever J. Barbero

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Designing structures using composite materials poses unique challenges, especially due to the need for concurrent design of both material and structure. Students are faced with two options: textbooks that teach the theory of advanced mechanics of composites, but lack computational examples of advanced analysis, and books on finite element analysis that may or may not demonstrate very limited applications to composites. But there is a third option that makes the other two obsolete: Ever J. Barbero's **Finite Element Analysis of Composite Materials Using ANSYS®, Second Edition**.

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Cementing applied computational and analytical experience to a firm foundation of basic concepts and theory, **Finite Element Analysis of Composite Materials Using ANSYS, Second Edition** offers a modern, practical, and versatile classroom tool for today's engineering classroom.

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