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Topics covered include: current and potential applications of composite materials, fibers, matrices, manufacturing methods for composites, anisotropic elasticity, micromechanics for determining mechanical properties of composite materials, classical laminated plate theory, failure and strength analysis of composite materials, and other advanced topics related to mechanics of composite materials.

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Mechanics Of Composite Materials (Materials Science ...

MECHANICS OF COMPOSITE MATERIALS Second Edition (MECHANICS OF COMPOSITE MATERIALS SECOND EDITION) i l ., . l ' (MECHANICS OF COMPOSITE MATERIALS SECOND EDITION ROBERT M. JONES Professor of Engineering Science and Mechanics Virginia Polytechnic Institute and State University Blacksburg, Virginia 24061-0219 (USA Publishing Office: ...

About the Book MECHANICS OF COMPOSITE MATERIALS

Professor Kaw's main scholarly interests are in engineering education research, open courseware development, bascule bridge design, fracture mechanics, composite materials, computational nanomechanics, and the state and future of higher education.

Mechanics of Composite Materials - College of Engineering

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The book Engineering Mechanics of Composite Materials by Isaac M. Daniel and Ori Ishai is probably one of the best introduction books for composite analysis. I own several books in composites and so far this is the book I believe is most intuitive. I used this book as undergraduate and I continue to use it today.

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