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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

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About the Book MECHANICS OF COMPOSITE MATERIALS

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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.

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