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Description. Primarily for use in upper level undergraduate engineering courses in Mechanical Behavior of Materials. With an eye on new technology and a concern for safety and durability in engineering design, this book covers the entire area of mechanical behavior of materials from a practical engineering viewpoint, providing a single-source introductory analysis with specific coverage on materials testing, yield criteria, stress-based fatigue, fracture mechanics, crack growth, strain-based ...

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With an eye on new technology and a concern for safety and durability in engineering design, this book covers the entire area of mechanical behavior of materials from a practical engineering viewpoint, providing a single-source introductory analysis with specific coverage on materials testing, yield criteria, stress-based fatigue, fracture mechanics, crack growth, strain-based fatigue, and creep.

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Mechanical Behavior of Materials: Engineering Methods for ...

Mechanical Behavior of Materials (6765) Mechanical Behavior of Materials (6765) Description. ... Materials Science and Engineer (MATSCEN) Department of Materials Science and Engineering 177 Watts Hall 2041 N. College Rd. Columbus, OH 43210. mse@osu.edu 614-688-3050 Phone 614-292-4668 Fax. Visiting Watts. Visiting EJTC. Connect.

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