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Mechanical properties such as tensile behavior, fatigue, creep, fracture, and impact are discussed, including the introduction of such advanced topics as finite element analysis, fracture mechanics, and composite materials. Computers and spreadsheets are used throughout to show their power as problem-solving tools.

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9780582251649: Mechanics of Engineering Materials ...

Mechanics of engineering materials by P. P. Benham, P.P. Benham, R.J. Crawford, C.G. Armstrong, April 23, 1996, Prentice Hall edition, Paperback in English - 2 edition

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Mechanics of Engineering Materials, 2nd Edition - Pearson

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Engineering Materials | MechaniCalc

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Mechanics of Engineering Materials is an indispensable course text for undergraduate students of mechanical engineering, engineering science and civil engineering. It will also be a valuable reference for those studying BTEC and GNVQ courses.

Mechanics of Engineering Materials : P. P. Benham ...

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Deformation and fracture mechanics of engineering materials

For undergraduate Mechanics of Materials courses in Mechanical, Civil, and Aerospace Engineering departments. Containing Hibbeler ' s hallmark student-oriented features, this text is in four-color with a photorealistic art program designed to help students visualize difficult concepts.

Mechanics of Materials: Amazon.co.uk: Hibbeler, Russell C ...

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