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Mechanical Behavior of Materials. Pages: 882.

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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

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on materials testing,
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and materials, from the
continuum description
of properties to the

atomistic and
molecular mechanisms
that confer those
properties to all

materials. We will
cover elastic and
plastic deformation,
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materials including
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crack growth, strain-
based fatigue, and
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