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Bending - Wikipedia

G V P College of Engineering (Autonomous) 2013 4. Timoshenko & Gere "Mechanics of Materials", 4th Edition, Mc Graw hill, 2003. REFERENCES: 1. Ferdinand Beer and Johnston, "Mechanics of Solids", 6th Edition, Tata Mc Graw hill Publications, 2000. 2. Schaum's out line series, "Strength of Materials" 10th Edition, Mc Graw hill International Editions, 2007.

STRENGTH OF MATERIALS-I

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Topic 26: The dangers associated with young and

5.1 MECHANICAL PROPERTIES OF MATERIALS by John Symonds, Expanded by Staff REFERENCES: Davis et al., "Testing and Inspection of Engineering Materials", McGraw-Hill, Timoshenko, "Strength of Materials", pt. II, Van Nostrand.

Strength of Materials - sopromat.org.ua

The geometric approximation inherent in the mesh can lead to accuracy problems. One example of this is in thin shell analysis, which is notoriously sensitive to geometric imperfections; see Fig. 1. The sensitivity to imperfections is shown in Fig. 1b in which the buckling load of a geometrically perfect cylindrical shell is compared with shells in which geometric imperfections are introduced ...

Isogeometric analysis: CAD, finite elements, NURBS, exact

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