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pearson brings to you engineering mechanics an ideal offering for the complete course on engineering mechanics written in a simple and lucid style the book covers the basic principles of mechanics and its application to the solution of engineering pro

offers a concise and thorough presentation of engineering mechanics theory and application the material is reinforced with numerous examples to illustrate principles and imaginative well illustrated problems of varying degrees of difficulty the book is committed to developing users problem solving skills features new photorealistic figures approximately 400 that have been rendered in often 3d photo quality detail to appeal to visual learners presents a thorough combination of both static and dynamic engineering mechanics theory and applications features a large variety of problem types from a broad range of engineering disciplines stressing practical realistic situations encountered in professional practice varying levels of difficulty and problems that involve solution by computer for professionals in mechanical engineering civil engineering aeronautical engineering and engineering mechanics careers

in his revision of engineering mechanics r c hibbeler empowers students to succeed in the whole learning experience hibbeler achieves this by calling on his everyday classroom experience and his knowledge of how students learn inside and outside of lecture this text is ideal for civil and mechanical

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mechanics vectors concurrent force systems truss analysis kinematics friction kinetics work and energy bending stresses circular motion rotation

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the book presents succinct coverage of the theory definitions and formulae it is well supported by plenty of clear cut diagrams suitable examples and worked problems in order to make the underlying principles comprehensive

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