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This excellent book, coloured on very expensive paper with beautiful full-colour printing, is a one-stop book for any mechanical engineer on the complex subject of 'Finite Element Analysis'. FEA is a sought after dream career for mechanical engineers. Often they want to update themselves with latest available volume of books.

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The 2nd Edition of this very popular finite element analysis guide: 1)Emphasises practical finite element analysis with commercially available finite element software packages 2)Is written in a generic way so it is not specific to any particular software but clearly shows the methodology required for successful FEA 3)Is focused entirely on structural stress analysis 4)Offers specific advice on which element types to use, which material model to pick, which type of analysis to use and which ...

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Overview. This book offers the best practical methods and guidelines available for the development and validation of finite element models. Its objective is to provide mechanical structural engineers with the keys to developing accurate and reliable finite element models by avoiding the most frequent errors.

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Practical Finite Element Analysis: Author: Nitin S. Gokhale: Publisher: Finite To Infinite, 2008: ISBN: 8190619500, 9788190619509: Length: 452 pages : Export Citation: BibTeX EndNote RefMan

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In A Practical Guide to Reliable Finite Element Modelling, Morris addresses this important area. His book begins by introducing the reader to finite element analysis (FEA), covering the fundamental principles of the method, whilst also outlining the potential problems involved.

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This book is a cut throat way to understand how Finite Element Analysis is done, irrespective of the stream of engineering. Covers the core fundamentals, without going deep into Mathematics. Anyone who wishes to have a clear understanding of FEM basics, and also the practical aspects, this is a must and should !!

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Practical Finite Element Analysis Hardcover – International Edition, January 1, 2008 by Nitin S Gokhale, (Author), Anand N Thite Sanjay S Deshpande, Sanjeev V Bedekar (Author) 4.6 out of 5 stars 3 ratings

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Geotechnical Finite Element Analysis aims to combine essential learning material in one place. As a practical guide, textbook, reference and training tool, it is aimed at practising civil, structural and geotechnical engineers, and those undergoing training in geotechnical FEA and performing geotechnical FEA in design. Back to Book Listing

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