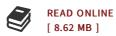# A First Course in Finite Elements (Paperback)

By Jacob Fish, Ted Belytschko

John Wiley and Sons Ltd, United Kingdom, 2007. Paperback. Condition: New. Language: English . Brand New Book. eloped from the authors, combined total of 50 years undergraduate and graduate teaching experience, this book presents the finite element method formulated as a general-purpose numerical procedure for solving engineering problems governed by partial differential equations. Focusing on the formulation and application of the finite element method through the integration of finite element theory, code development, and software application, the book is both introductory and self-contained, as well as being a hands-on experience for any student. This authoritative text on Finite Elements: Adopts a generic approach to the subject, and is not application specificIn conjunction with a web-based chapter, it integrates code development, theory, and application in one bookProvides an accompanying Web site that includes ABAQUS Student Edition, Matlab data and programs, and instructor resourcesContains a comprehensive set of homework problems at the end of each chapterProduces a practical, meaningful course for both lecturers, planning a finite element module, and for students using the text in private study.Accompanied by a book companion website housing supplementary material that can be found at A First Course in Finite Elements is the ideal practical introductory course...

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