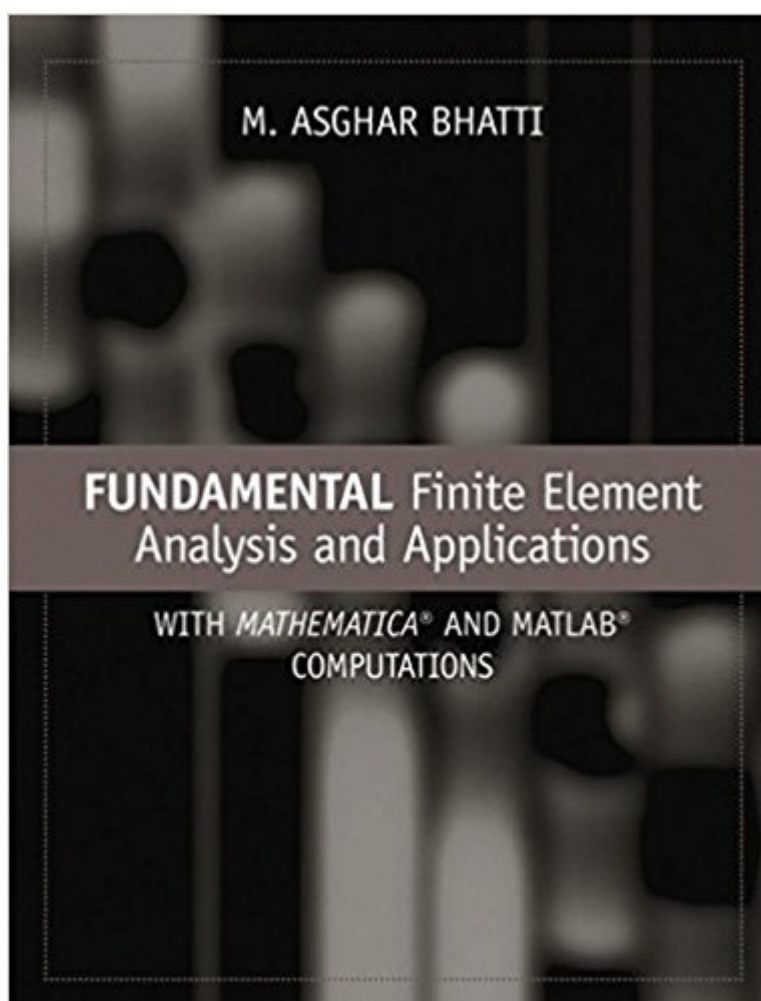


The book was found

Fundamental Finite Element Analysis And Applications: With Mathematica And Matlab Computations



Synopsis

*Finite Element Analysis with Mathematica and Matlab Computations and Practical Applications is an innovative, hands-on and practical introduction to the Finite Element Method that provides a powerful tool for learning this essential analytic method. *Support website (www.wiley.com/go/bhatti) includes complete sets of Mathematica and Matlab implementations for all examples presented in the text. Also included on the site are problems designed for self-directed labs using commercial FEA software packages ANSYS and ABAQUS. *Offers a practical and hands-on approach while providing a solid theoretical foundation.

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A unique, hands-on introduction to the Finite Element Method Fundamental Finite Element Analysis and Applications: with Mathematica® and MATLAB® Computations is an innovative, practical guide to discovering the Finite Element Method (FEM). Providing a helpful balance between theory and application, it presents the FEM as a tool to find approximate solutions of differential equations, making it a useful resource for students from a variety of disciplines. Using a unique combination of

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Clear examples given and explains very thoroughly

great book.

This is a solid book for learning the basics of finite element analysis. I prefer more mathematically inclined texts such as Reddy for example.

This book found the balance between FEM applications and theory. I recommend to graduate students who wants to get some help with FEM programming and learn the underlying fundamentals of the finite element method.

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