



Applied Finite Element Analysis

By G. Ramamurty

I.K. International Publishing House Pvt. Ltd., 2010. Paperback. Book Condition: New. Second Edition. 18cm x 24cm. This book is intended for presenting the basic concepts of Finite Element Analysis applied to several engineering applications. Salient Features: 1. Covers several modules of elasticity, heat conduction, eigenvalue and fluid flow analysis which are necessary for a student of Mechanical Engineering. 2. Finite Element formulations have been presented using both global and natural coordinates. It is important for providing smooth transition form formulation in global coordinates to natural coordinates. 3. Special focus has been given to heat conduction problems and fluid flows which are not sufficiently discussed in other textbooks. 4. Important factors affecting the formulation have been included as Miscellaneous Topics. 5. Several examples have been worked out in order to highlight the applications of Finite Element Analysis. Apart from moderately revising the whole text three new chapters ôDynamic Analysisö, ôNon-linear Analysisö, ôBending of Thin Platesö, three appendices and short questions and answers have been added in the present edition to make it more useful."



READ ONLINE

[8.79 MB]

Reviews

If you need to adding benefit, a must buy book. it absolutely was writtern extremely flawlessly and valuable. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Mrs. Odie Murphy II

It in one of the best publication. It is definitely simplistic but excitement in the 50 % in the ebook. I am very happy to let you know that this is basically the greatest publication i have got go through within my own existence and could be he greatest pdf for ever.

-- Dr. Anya McKenzie