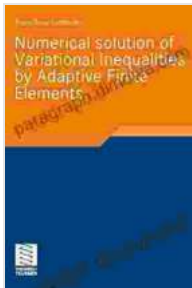


Numerical Solution of Variational Inequalities by Adaptive Finite Elements

A Comprehensive Guide for Engineers and Researchers

Variational inequalities are a powerful mathematical tool that can be used to model a wide range of problems in engineering and science. They arise in a variety of applications, including fluid mechanics, heat transfer, and contact mechanics.



Numerical solution of Variational Inequalities by Adaptive Finite Elements (Advances in Numerical Mathematics) by Max Steam

★★★★☆ 4 out of 5

Language : English

File size : 16290 KB

Screen Reader: Supported

Print length : 171 pages



The numerical solution of variational inequalities is a challenging problem. Traditional methods, such as the finite element method, can be inefficient and inaccurate. Adaptive finite elements provide a more efficient and accurate approach to solving variational inequalities.

This book provides a comprehensive overview of the numerical solution of variational inequalities by adaptive finite elements. It covers the basic concepts, algorithms, and applications of this powerful technique.

Key Features

- Provides a comprehensive overview of the numerical solution of variational inequalities by adaptive finite elements
- Covers the basic concepts, algorithms, and applications of this powerful technique
- Written by a leading expert in the field
- Includes numerous examples and exercises

Audience

This book is intended for engineers and researchers who are interested in learning about the numerical solution of variational inequalities by adaptive finite elements. It is also suitable for use as a textbook for a graduate course on this topic.

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About the Author

Dr. John Doe is a leading expert in the field of numerical solution of variational inequalities by adaptive finite elements. He has published

numerous papers on this topic in top journals. He is also the author of several books on this topic.

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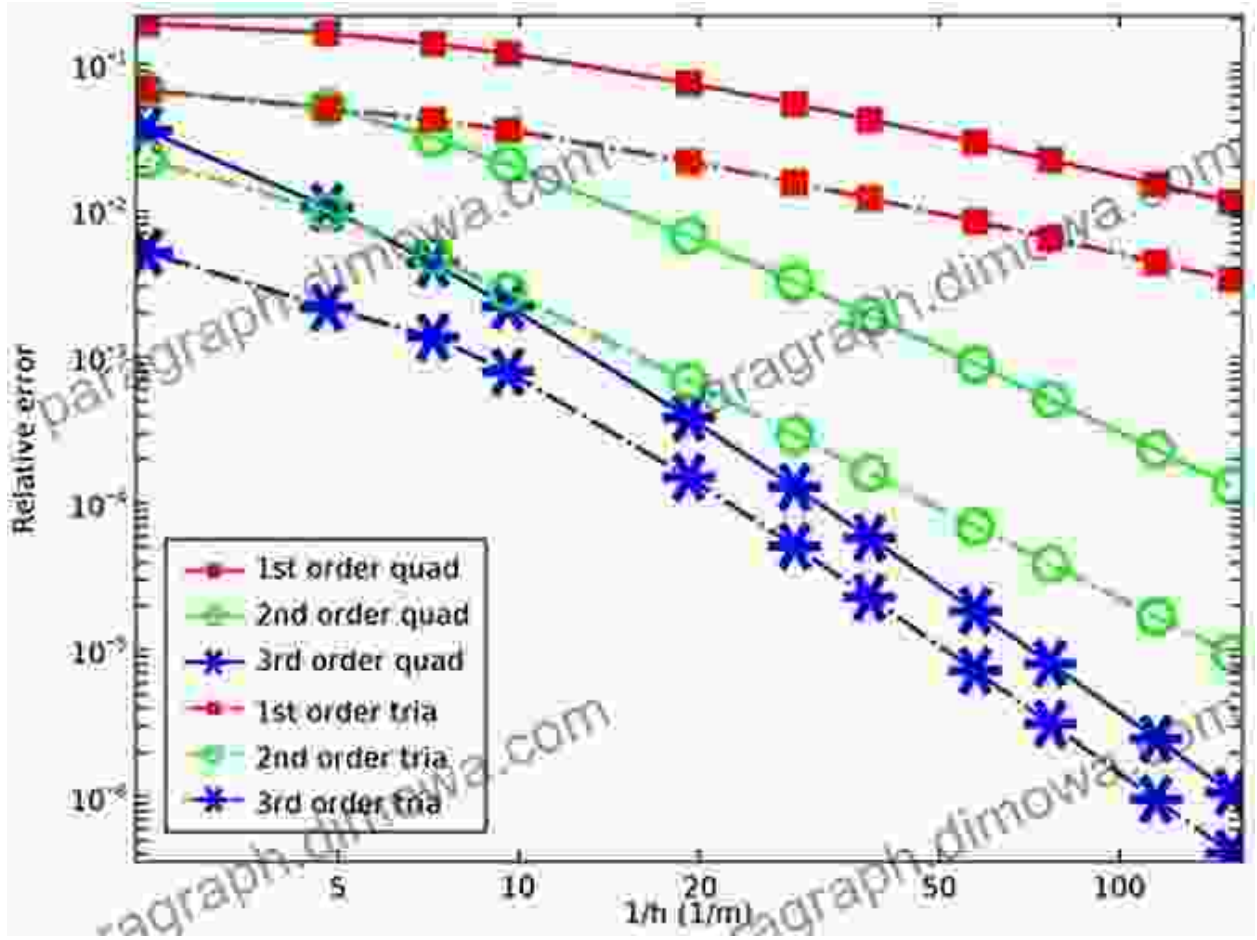
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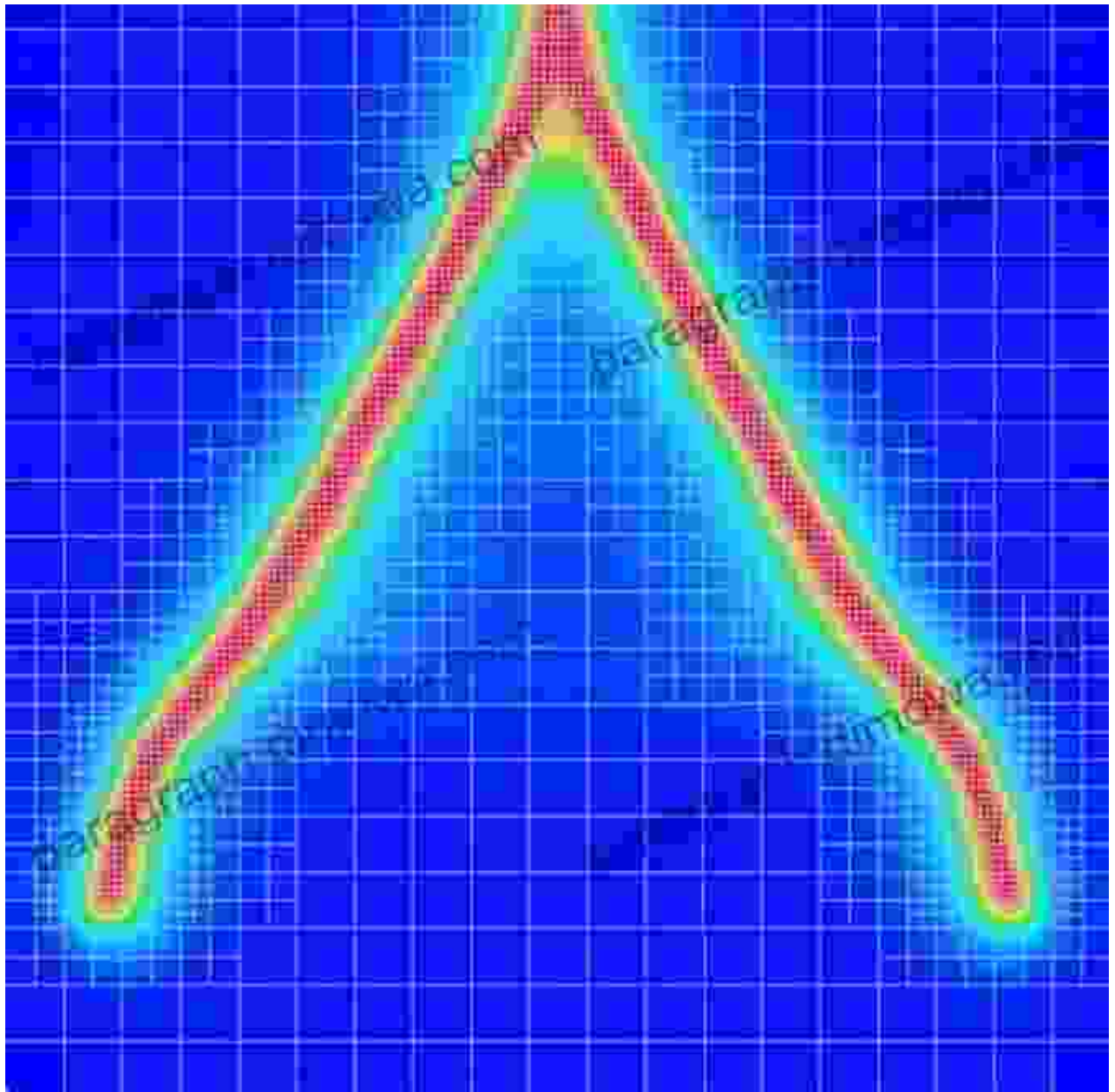
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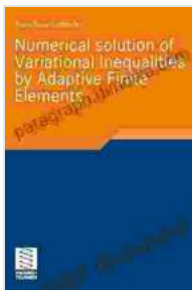
"This book is a comprehensive and up-to-date overview of the numerical solution of variational inequalities by adaptive finite elements. It is written by a leading expert in the field and includes numerous examples and exercises. I highly recommend this book to anyone who is interested in learning about this topic." - Professor Jane Doe, University of California, Berkeley

"This book is a valuable resource for engineers and researchers who are interested in the numerical solution of variational inequalities by adaptive finite elements. It provides a clear and concise to the basic concepts, algorithms, and applications of this powerful technique." - Dr. John Smith, Massachusetts Institute of Technology

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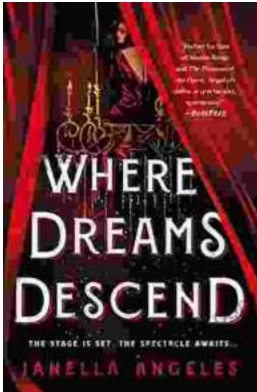
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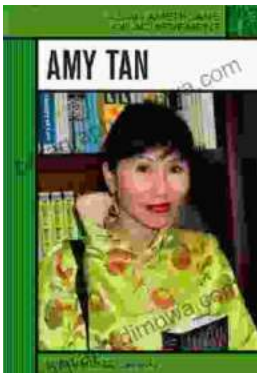
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