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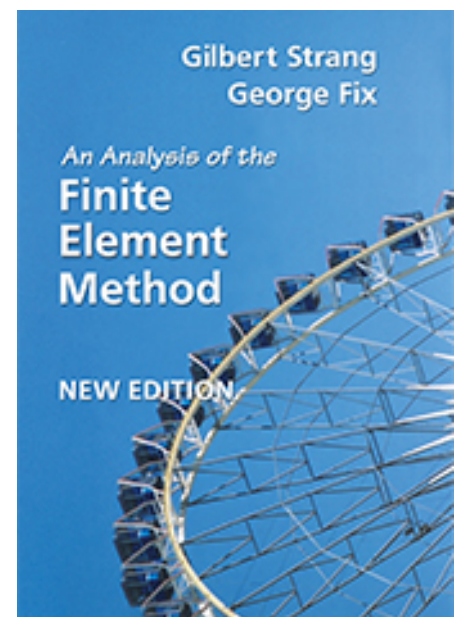
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AN ANALYSIS OF THE FINITE ELEMENT METHOD



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– PRODUCT DESCRIPTION

BY GILBERT STRANG, GEORGE FIX

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This second edition replaces *An Analysis of the Finite Element Method*

Published by Wellesley-Cambridge Press. Distributed by Cambridge University Press.

“If you're a numerical analyst or an engineer interested in finite elements, you will find this book of great interest. If you have no interest in finite elements but enjoy well written mathematical texts, the contents of this book remain a solid foundation for your work. Furthermore, while the contents are mathematically rigorous, they instead describe the analysis in an almost conversational style, which are both mathematically and practically interesting.”
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About the Author

Gilbert Strang is a Professor of Mathematics at Massachusetts Institute of Technology, Cambridge, MA, and a Fellow of the Royal Society of London, UK. His current research interests include numerical analysis and applied mathematics. He is the author or co-author of six textbooks and has published over 100 papers. Professor Strang served as SIAM's president from 1998 to 2001 and received the Neumann Medal of the US Association of Computational Mathematicians in 2002.

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Chapter 1: An Introduction to the Theory
Chapter 2: A Summary of the Theory
Chapter 3: Approximation
Chapter 4: Variational Crimes
Chapter 5: Stability
Chapter 6: Eigenvalue Problems
Chapter 7: Initial-Value Problems
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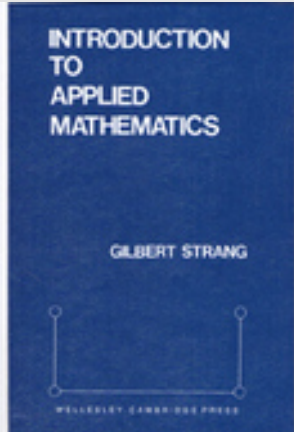
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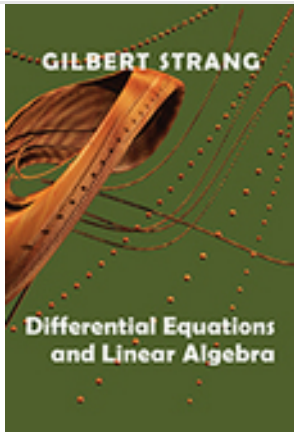
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