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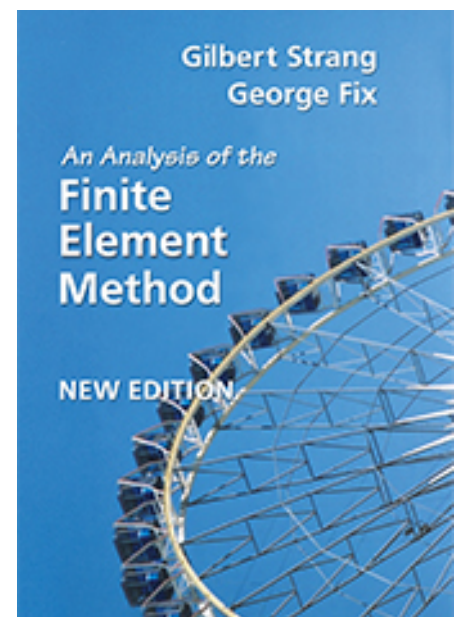
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AN ANALYSIS OF THE FINITE ELEMENT METHOD



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BY GILBERT STRANG, GEORGE FIX

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A classic in the understanding of finite methods, this book is a must-read for anyone interested in the field.

About the Author

Gilbert Strang is a Professor of Mathematics at Massachusetts Institute of Technology, Cambridge, MA. He is also a Professor of Mathematics at the University of Oxford, 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 research papers. Professor Strang served as SIAM's president from 1998 to 2000 and received the Neumann Medal of the US Association of Computational Mathematicians in 2001.

Contents

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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
Chapter 8: Singularities.

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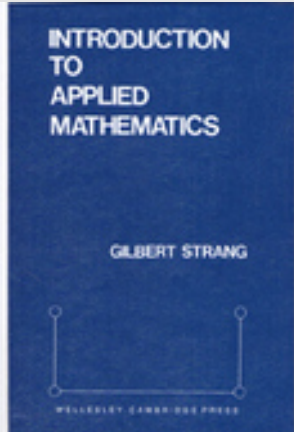
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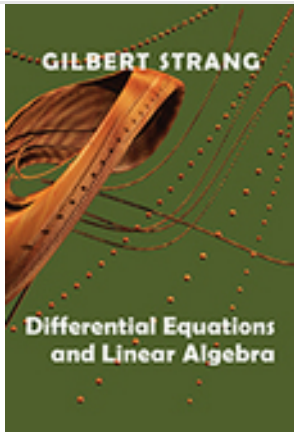


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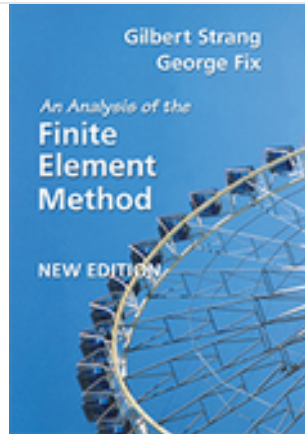
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