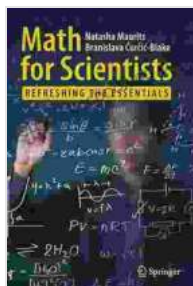


Math For Scientists: Refreshing The Essentials



Math for Scientists: Refreshing the Essentials by Tim Collins

★★★★☆ 4.3 out of 5

Language : English

File size : 8562 KB

Screen Reader : Supported

Print length : 246 pages

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Are you a scientist who feels like they've forgotten the basics of math? Do you struggle to understand complex scientific concepts because you're not sure of the underlying mathematical principles? If so, then 'Math For Scientists: Refreshing The Essentials' is the book for you.

This comprehensive guide will help you rediscover the power of mathematics and equip you with the tools you need to excel in science. Written in a clear and concise style, 'Math For Scientists' covers all the essential mathematical concepts that scientists need to know, including:

- Algebra
- Trigonometry
- Calculus
- Linear algebra
- Differential equations

- Probability and statistics

With plenty of worked examples and practice problems, 'Math For Scientists' is the perfect way to brush up on your math skills or learn them for the first time. Whether you're a student, a researcher, or a professional scientist, this book will help you to unlock the full potential of mathematics in your scientific endeavors.

What's Inside?

'Math For Scientists' is divided into six parts, each of which covers a different area of mathematics. The first part, 'Algebra,' reviews the basics of algebra, including:

- Solving equations and inequalities
- Factoring polynomials
- Solving systems of equations
- Matrices and determinants

The second part, 'Trigonometry,' covers the basics of trigonometry, including:

- The trigonometric functions
- Trigonometric identities
- Solving trigonometric equations

The third part, 'Calculus,' covers the basics of calculus, including:

- Limits and derivatives

- Integrals
- Differential equations

The fourth part, 'Linear Algebra,' covers the basics of linear algebra, including:

- Vectors and matrices
- Linear transformations
- Eigenvalues and eigenvectors

The fifth part, 'Differential Equations,' covers the basics of differential equations, including:

- First-Order differential equations
- Second-Order differential equations
- Systems of differential equations

The sixth part, 'Probability and Statistics,' covers the basics of probability and statistics, including:

- Probability distributions
- Statistical inference
- Hypothesis testing

Who is this book for?

'Math For Scientists' is written for scientists who want to improve their understanding of mathematics. It is suitable for students, researchers, and

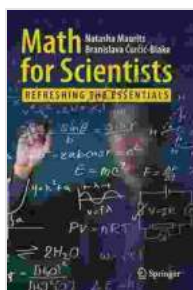
professional scientists in all fields of science.

If you're a scientist who wants to unlock the full potential of mathematics in your scientific endeavors, then 'Math For Scientists: Refreshing The Essentials' is the book for you.

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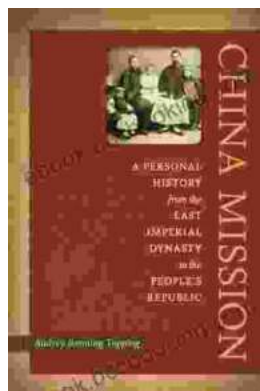
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