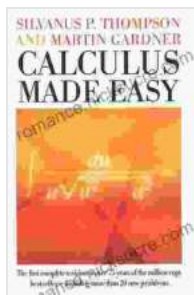


Calculus Made Easy by Silvanus Thompson: A Comprehensive Guide for Beginners and Students

Calculus Made Easy by Silvanus Thompson is a classic textbook that has helped generations of students learn the fundamentals of calculus. First published in 1914, the book has been praised for its clear and concise explanations, its wide range of solved examples, and its gentle approach to teaching a complex subject.



Calculus Made Easy by Silvanus P. Thompson

★★★★☆ 4.5 out of 5

Language : English

File size : 15453 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 336 pages



Content Overview

Calculus Made Easy is divided into three parts. The first part introduces the basic concepts of calculus, including limits, derivatives, and integrals. The second part applies these concepts to a variety of problems in algebra, trigonometry, and geometry. The third part covers more advanced topics, such as differential equations and infinite series.

The book is written in a clear and concise style, with plenty of solved examples to illustrate the concepts being discussed. Thompson also includes a number of helpful diagrams and figures to help students visualize the concepts.

Strengths

Calculus Made Easy has a number of strengths that make it a valuable resource for students learning calculus. These strengths include:

- **Clear and concise explanations:** Thompson's writing style is clear and concise, making it easy for students to understand the concepts being discussed.
- **Wide range of solved examples:** The book contains a wide range of solved examples that illustrate the concepts being discussed. This helps students to see how the concepts are applied to different types of problems.
- **Gentle approach to teaching:** Thompson takes a gentle approach to teaching calculus, making it easier for students to learn the subject at their own pace.
- **Affordable:** Calculus Made Easy is an affordable textbook, making it a great option for students on a budget.

Weaknesses

Calculus Made Easy also has a few weaknesses that students should be aware of. These weaknesses include:

- **Outdated notation:** The book uses outdated notation in some places, which can be confusing for students who are used to modern notation.

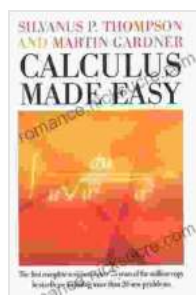
- **Limited coverage of some topics:** The book does not cover some topics in depth, such as differential equations and infinite series. Students who need a more comprehensive treatment of these topics will need to supplement their reading with other resources.

Target Audience

Calculus Made Easy is a good choice for students who are new to calculus or who need a review of the basics. The book is also a good choice for students who want to learn calculus at their own pace.

Students who need a more comprehensive treatment of calculus or who are already familiar with the basics may want to consider a different textbook.

Calculus Made Easy by Silvanus Thompson is a classic textbook that has helped generations of students learn the fundamentals of calculus. The book's clear and concise explanations, wide range of solved examples, and gentle approach to teaching make it a valuable resource for students learning calculus.



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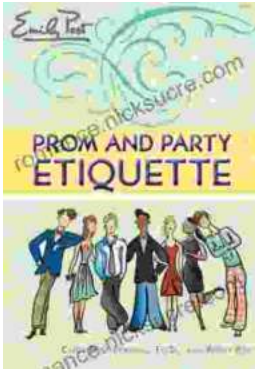
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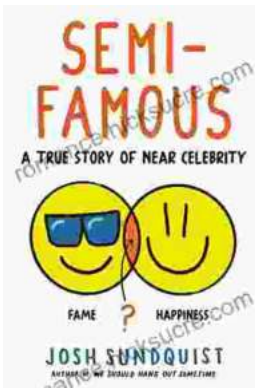
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