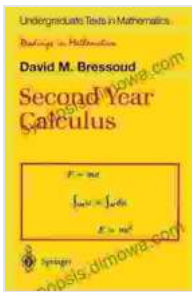


# From Celestial Mechanics To Special Relativity: Undergraduate Texts In Mathematics

From Celestial Mechanics To Special Relativity is an undergraduate text that introduces students to the fascinating worlds of celestial mechanics and special relativity.



## Second Year Calculus: From Celestial Mechanics to Special Relativity (Undergraduate Texts in Mathematics) by David M. Bressoud

★★★★☆ 4.6 out of 5

Language : English

File size : 5102 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Print length : 404 pages

X-Ray for textbooks : Enabled



Celestial mechanics is the study of the motion of objects in space. It is a branch of astronomy that deals with the application of physical laws to the motion of celestial bodies. Special relativity is a theory of space and time that was developed by Albert Einstein in 1905. It is based on the principle that the laws of physics are the same for all observers, regardless of their motion.

From Celestial Mechanics To Special Relativity provides a clear and concise to these two important topics. The book is written in a style that is

accessible to students with a basic understanding of mathematics and physics. It includes numerous examples and exercises to help students understand the material.

From Celestial Mechanics To Special Relativity is an ideal textbook for undergraduate students in mathematics, physics, and astronomy. It is also a valuable resource for anyone who is interested in learning more about these fascinating topics.

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- Chapter 1:
- Chapter 2: Celestial Mechanics
- Chapter 3: Special Relativity
- Chapter 4: Applications
- Chapter 5: Further Reading

## **Reviews**

“From Celestial Mechanics To Special Relativity is a well-written and accessible to these two important topics. The book is clear, concise, and engaging. I highly recommend it to students and anyone else who is interested in learning more about celestial mechanics and special relativity.”

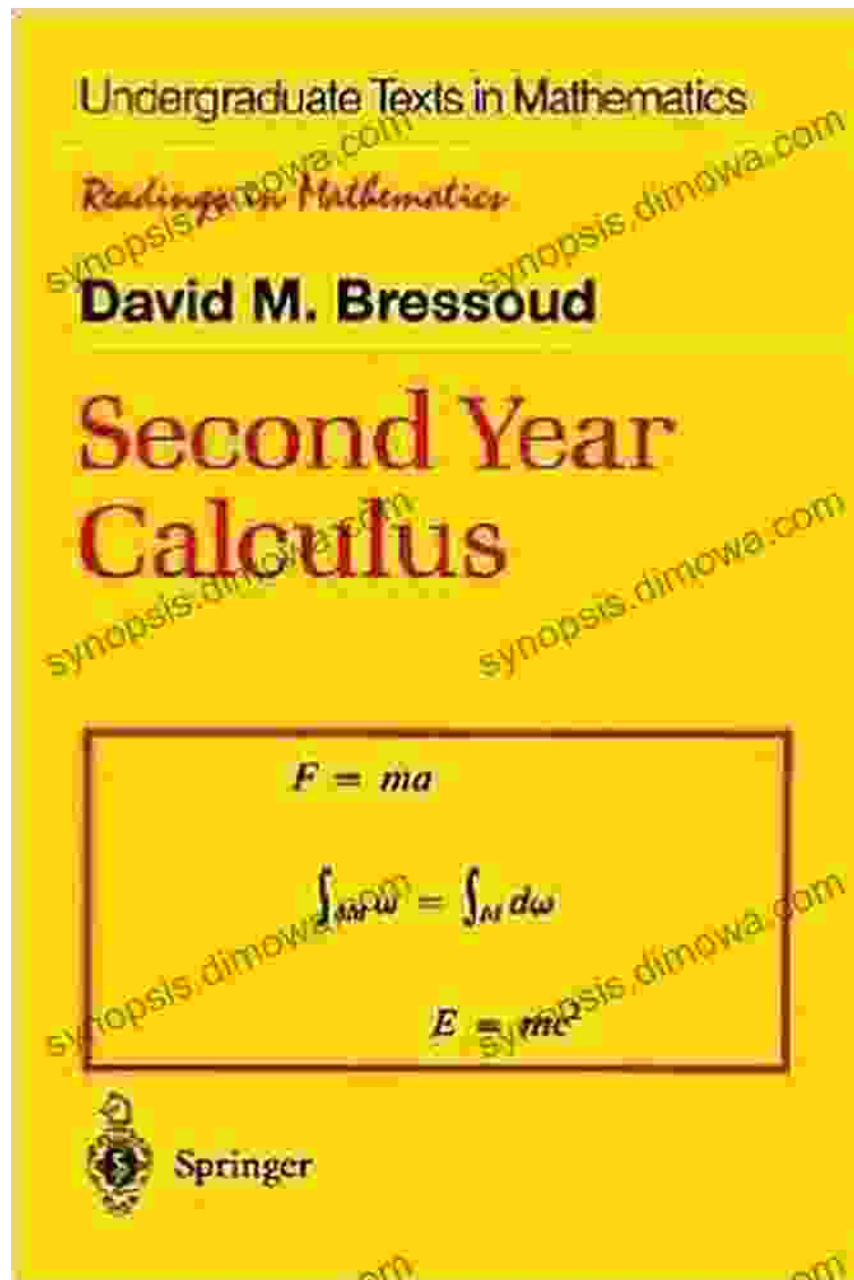
**—Professor David Morin, Harvard University**

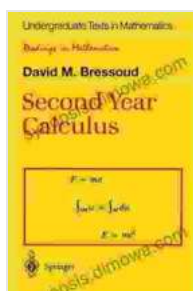
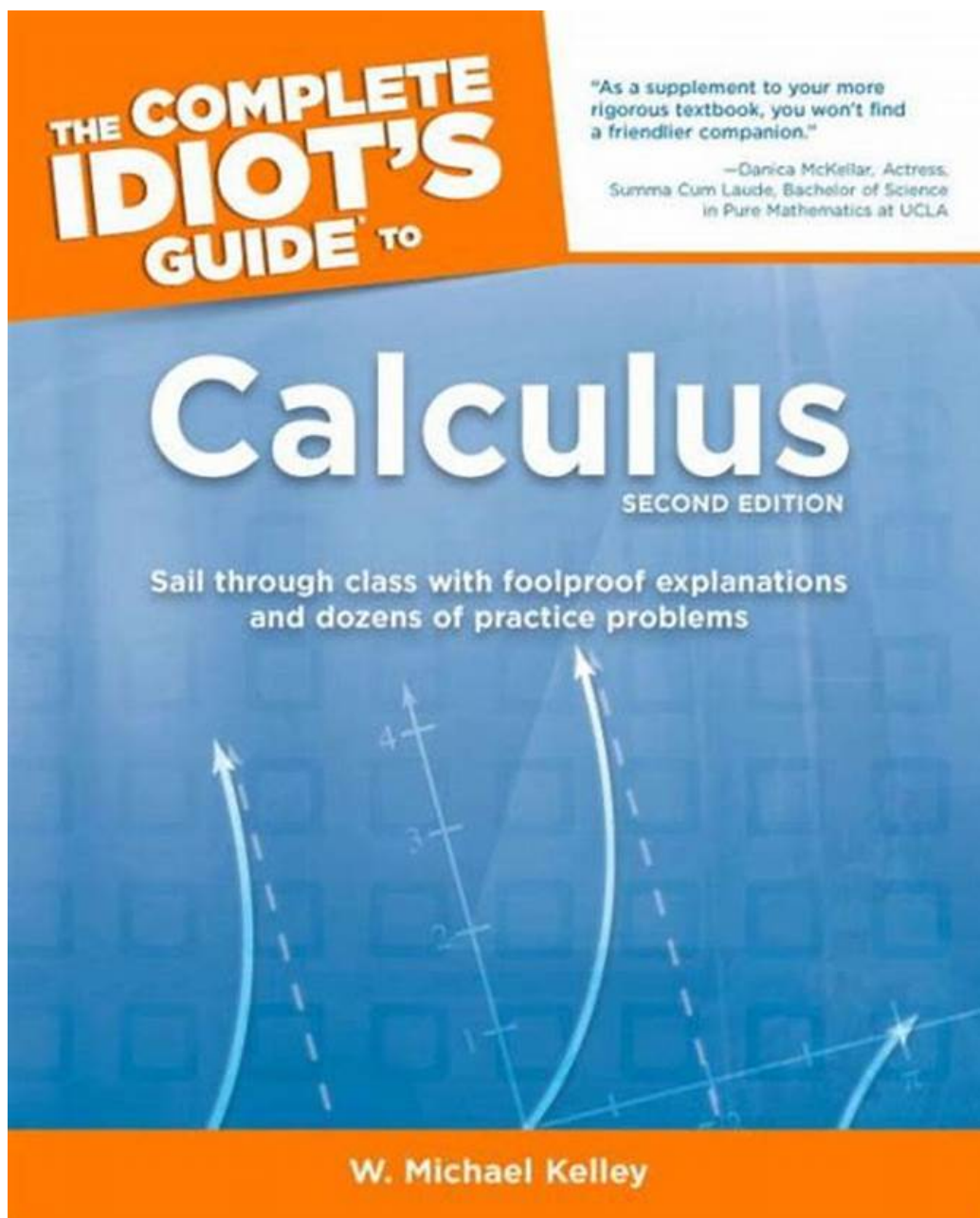
“From Celestial Mechanics To Special Relativity is a valuable resource for anyone who is interested in learning more about these fascinating topics. The book is well-written and easy to understand. I highly recommend it.”

—Professor Edward Witten, Institute for Advanced Study

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