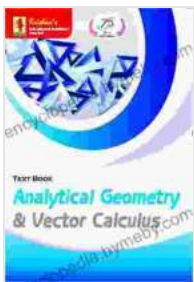


Analytical Geometry Vector Calculus Edition Pages 440 Code 1392 Concept

Master the fascinating world of Analytical Geometry and Vector Calculus with our comprehensive textbook (Code: 1392). Spanning 440 pages, this in-depth guide provides a thorough understanding of these mathematical disciplines.



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(Mathematics 40) by A.R. Vasishtha

★★★★☆ 4.5 out of 5

Language : English

File size : 7201 KB

Screen Reader: Supported

Print length : 189 pages

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Key Features

- **440 pages of comprehensive coverage:** Explore essential concepts in detail, ensuring a deep understanding of the subject matter.
- **Code 1392:** Easily identify and reference the textbook using its unique code.
- **Analytical Geometry and Vector Calculus:** Gain mastery over both disciplines, unlocking their applications in various fields.

- **Clear and concise explanations:** Complex concepts are presented in a straightforward and approachable manner.
- **Abundant examples and exercises:** Practice and reinforce your understanding through numerous solved problems and practice questions.

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Target Audience

Our Analytical Geometry and Vector Calculus textbook is ideally suited for:

- **Students:** Undergraduate and graduate students pursuing degrees in mathematics, engineering, or related fields.

- **Educators:** Teachers seeking a comprehensive resource for teaching these disciplines.
- **Professionals:** Individuals working in fields that require strong mathematical skills, such as engineering and data science.

Table of Contents

1. **to Analytical Geometry:** Coordinate systems, distance, slope, and equations of lines and planes.
2. **Vectors and Matrices:** Vector operations, matrices, determinants, and systems of linear equations.
3. **Functions and Limits:** Functions, limits, continuity, and derivatives.
4. **Derivatives and Applications:** Applications of derivatives, optimization, and related rates.
5. **Integrals and Applications:** Indefinite and definite integrals, applications of integration, and differential equations.
6. **Vector Calculus:** Vector fields, line integrals, surface integrals, and divergence and curl.

Testimonials

"This textbook has been an invaluable resource for me. The clear explanations and abundant exercises have greatly enhanced my understanding of Analytical Geometry and Vector Calculus." - John, Engineering Student

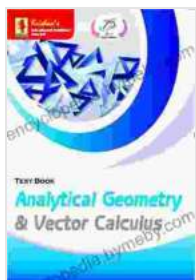
"As an educator, I highly recommend this textbook. It provides a comprehensive and engaging exploration of these mathematical

disciplines." - Mary, Mathematics Teacher

"Working in the field of data science, the concepts covered in this textbook have proven essential. It has provided me with a solid foundation for solving complex mathematical problems." - David, Data Scientist

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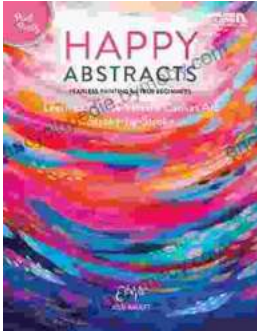
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