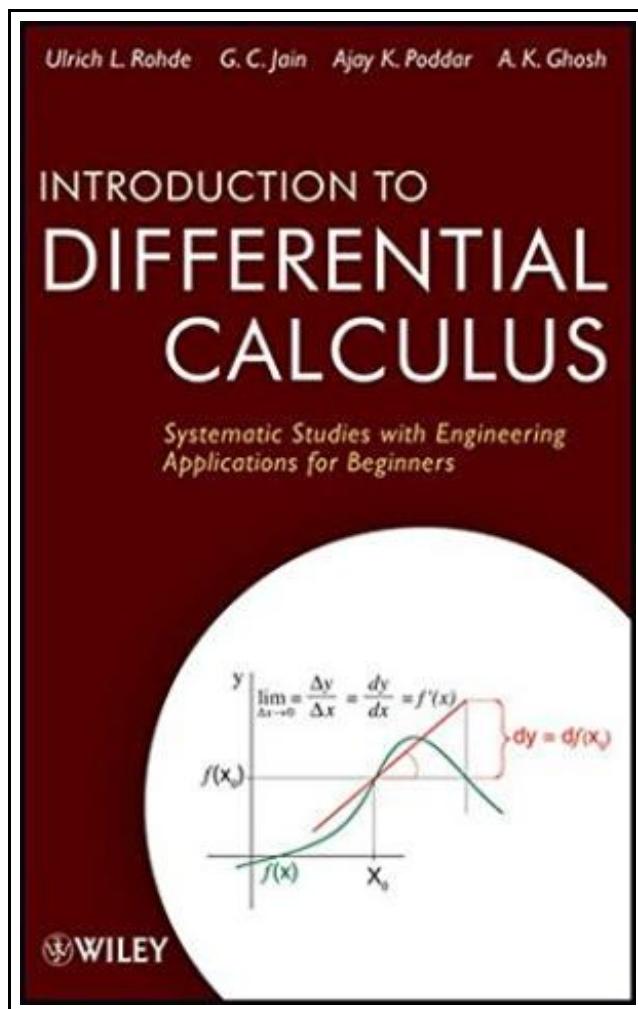


Introduction to Differential Calculus: Systematic Studies with Engineering Applications for Beginners (Hardback)



Filesize: 9.15 MB

Reviews

Most of these publication is the greatest publication offered. It is actually rally intriguing throgh reading period of time. You can expect to like just how the article writer create this publication. (Eddie Schuppe)

INTRODUCTION TO DIFFERENTIAL CALCULUS: SYSTEMATIC STUDIES WITH ENGINEERING APPLICATIONS FOR BEGINNERS (HARDBACK)



DOWNLOAD PDF

John Wiley Sons Inc, United States, 2012. Hardback. Book Condition: New. 244 x 169 mm. Language: English . Brand New Book. Enables readers to apply the fundamentals of differential calculus to solve real-life problems in engineering and the physical sciences. Introduction to Differential Calculus fully engages readers by presenting the fundamental theories and methods of differential calculus and then showcasing how the discussed concepts can be applied to real-world problems in engineering and the physical sciences. With its easy-to-follow style and accessible explanations, the book sets a solid foundation before advancing to specific calculus methods, demonstrating the connections between differential calculus theory and its applications. The first five chapters introduce underlying concepts such as algebra, geometry, coordinate geometry, and trigonometry. Subsequent chapters present a broad range of theories, methods, and applications in differential calculus, including: * Concepts of function, continuity, and derivative * Properties of exponential and logarithmic function * Inverse trigonometric functions and their properties * Derivatives of higher order * Methods to find maximum and minimum values of a function * Hyperbolic functions and their properties Readers are equipped with the necessary tools to quickly learn how to understand a broad range of current problems throughout the physical sciences and engineering that can only be solved with calculus. Examples throughout provide practical guidance, and practice problems and exercises allow for further development and fine-tuning of various calculus skills. Introduction to Differential Calculus is an excellent book for upper-undergraduate calculus courses and is also an ideal reference for students and professionals alike who would like to gain a further understanding of the use of calculus to solve problems in a simplified manner.



[Read Introduction to Differential Calculus: Systematic Studies with Engineering Applications for Beginners \(Hardback\) Online](#)



[Download PDF Introduction to Differential Calculus: Systematic Studies with Engineering Applications for Beginners \(Hardback\)](#)

See Also



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

[Read Document »](#)



Carnival Overture, Op.92 / B.169: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The Carnival Overture, Op.92 - second of the set of three...

[Read Document »](#)



Suite in E Major, Op. 63: Study Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed originally in four movements during 1907-08, Foote dropped the Theme...

[Read Document »](#)



Hussite Overture, Op. 67 / B. 132: Study Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Commissioned by the Committee for the Completion of the National Theatre,....

[Read Document »](#)



Three Bavarian Dances, Op.27a: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Elgar produced orchestral arrangements of three items (Nos.1, 3 and 6)...

[Read Document »](#)