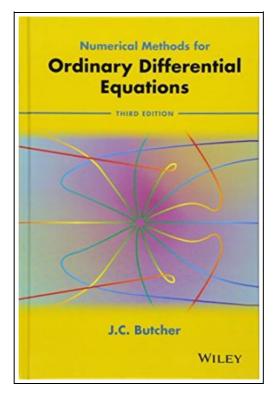
# Numerical Methods for Ordinary Differential Equations (Hardback)



Filesize: 9.73 MB

### Reviews

Undoubtedly, this is the greatest job by any author. It is actually filled with wisdom and knowledge I am quickly could get a pleasure of reading a written book.

(Kade Ankunding)

# NUMERICAL METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS (HARDBACK)



John Wiley and Sons Ltd, United States, 2016. Hardback. Condition: New. 3rd Edition. Language: English. Brand new Book. A new edition of this classic work, comprehensively revised to present exciting new developments in this important subject The study of numerical methods for solving ordinary differential equations is constantly developing and regenerating, and this third edition of a popular classic volume, written by one of the world's leading experts in the field, presents an account of the subject which reflects both its historical and well-established place in computational science and its vital role as a cornerstone of modern applied mathematics. In addition to serving as a broad and comprehensive study of numerical methods for initial value problems, this book contains a special emphasis on Runge-Kutta methods by the mathematician who transformed the subject into its modern form dating from his classic 1963 and 1972 papers. A second feature is general linear methods which have now matured and grown from being a framework for a unified theory of a wide range of diverse numerical schemes to a source of new and practical algorithms in their own right. As the founder of general linear method research, John Butcher has been a leading contributor to its development; his special role is reflected in the text. The book is written in the lucid style characteristic of the author, and combines enlightening explanations with rigorous and precise analysis. In addition to these anticipated features, the book breaks new ground by including the latest results on the highly efficient G-symplectic methods which compete strongly with the well-known symplectic Runge-Kutta methods for long-term integration of conservative mechanical systems. This third edition of Numerical Methods for Ordinary Differential Equations will serve as a key text for senior undergraduate and graduate courses in numerical analysis, and is an essential resource...



Read Numerical Methods for Ordinary Differential Equations (Hardback) Online

Download PDF Numerical Methods for Ordinary Differential Equations (Hardback)

### Related PDFs



#### An Undergraduate Introduction to Financial Mathematics (3rd edition)

World Scientific Publishing Co Pte Ltd. Hardback. Condition: new. BRAND NEW, An Undergraduate Introduction to Financial Mathematics (3rd edition), J. Robert Buchanan, This textbook provides an introduction to financial mathematics and financial engineering for undergraduate...

**Download Document** 

**»** 



## Applied Codeology: Navigating the NEC (R) 2011 (Hardback)

NJATC, United States, 2011. Hardback. Condition: New. 3rd edition. Language: English. Brand new Book. APPLIED CODEOLOGY: NAVIGATING THE NATIONAL ELECTRICAL CODE (R) 2011 offers the perfect solution for any electrical professional who has ever felt...

**Download Document** 

**»** 



### Anatomy, Physiology, & Disease: An Interactive Journey for Health Professionals (Paperback)

Pearson Education (US), United States, 2019. Paperback. Condition: New. 3rd edition. Language: English. Brand new Book. For courses in anatomy & physiology for health professions, and comprehensive medical assisting. Where A&P meets pathology: A stimulating...

**Download Document** 

**»** 



Student Workbook to accompany Anatomy, Physiology, and Disease: An Interactive Journey for Health Professions for CTE/School (Paperback)

Pearson Education (US), United States, 2015. Paperback. Condition: New. 3rd edition. Language: English. Brand new Book.

**Download Document** 

»



The New Rules of Marketing and PR: How to Use Social Media, Online Video, Mobile Applications, Blogs, Newsjacking, and Viral Marketing to Reach Buyers Directly (Paperback)

John Wiley & Sons Inc, United States, 2017. Paperback. Condition: New. 6th Edition. Language: English. Brand new Book. The international bestseller now in a new edition When it comes to marketing, anything goes in the...

**Download Document** 

»