


[DOWNLOAD](#)


## Applied Differential Equations: The Primary Course (Hardback)

By Vladimir A. Dobrushkin

Taylor & Francis Ltd, United Kingdom, 2015. Hardback. Condition: New. Revised ed. Language: English. Brand new Book. A Contemporary Approach to Teaching Differential Equations Applied Differential Equations: An Introduction presents a contemporary treatment of ordinary differential equations (ODEs) and an introduction to partial differential equations (PDEs), including their applications in engineering and the sciences. Designed for a two-semester undergraduate course, the text offers a true alternative to books published for past generations of students. It enables students majoring in a range of fields to obtain a solid foundation in differential equations. The text covers traditional material, along with novel approaches to mathematical modeling that harness the capabilities of numerical algorithms and popular computer software packages. It contains practical techniques for solving the equations as well as corresponding codes for numerical solvers. Many examples and exercises help students master effective solution techniques, including reliable numerical approximations. This book describes differential equations in the context of applications and presents the main techniques needed for modeling and systems analysis. It teaches students how to formulate a mathematical model, solve differential equations analytically and numerically, analyze them qualitatively, and interpret the results.



[READ ONLINE](#)  
[ 5.23 MB ]

### Reviews

*Merely no words to spell out. It is amongst the most awesome publication i have read. Your life span will likely be transform as soon as you full reading this book.*

-- Marvin Okuneva

*Completely among the best publication I have got at any time go through. I have got go through and so i am confident that i will likely to read again once more down the road. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Zachery Mertz

## Other Books



### **The Article Book: Practice Toward Mastering a, an, and the (Paperback)**

The University of Michigan Press, United States, 2000. Paperback. Condition: New. Revised ed. Language: English. Brand new Book. A comprehensive guide and workbook for improving ESL/EFL students' understanding of English articles, The Article Book can be used as either a supplement to...



### **SAS Survival Handbook, Third Edition: The Ultimate Guide to Surviving Anywhere (Paperback)**

William Morrow & Company, United States, 2014. Paperback. Condition: New. Revised ed. Language: English. Brand new Book. The ultimate guide to surviving anywhere, now updated with more than 100 pages of additional material, including a new chapter on urban survival "A classic...



### **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 overwhelmed when trying to locate specific information...



### **Principles & Practice: An Integrated Approach to Engineering Graphics & AutoCAD 2011**

Schroff Development Corporation, 2010. Condition: New. book.



### **Principles and Practice An Integrated Approach to Engineering Graphics and AutoCAD 2016**

SDC Publications, 2015. Condition: New. book.



### **Final FRCR Part A Modules 1-3 Single Best Answer MCQS: The SRT Collection of 600 Questions with Explanatory Answers (Paperback)**

Taylor & Francis Ltd, United Kingdom, 2009. Paperback. Condition: New. Revised ed. Language: English. Brand new Book. Single best answer (SBA) questions have been introduced into the Final FRCR Part A examination of the Royal College of Radiologists in the UK for...