

A Workbook for Differential Equations (Paperback)

Filesize: 6.59 MB

Reviews

This ebook is very gripping and intriguing. I have got read through and i also am confident that i will gonna read through yet again again down the road. Its been written in an extremely straightforward way and it is merely right after i finished reading this book through which actually altered me, alter the way i really believe. (Noble Hagenes)

A WORKBOOK FOR DIFFERENTIAL EQUATIONS (PAPERBACK)



DOWNLOAD PDF

John Wiley and Sons Ltd, United States, 2010. Paperback. Condition: New. 1. Auflage. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. An accessible and hands-on approach to modeling and predicting real-world phenomena using differential equations A Workbook for Differential Equations presents an interactive introduction to fundamental solution methods for ordinary differential equations. The author emphasizes the importance of manually working through computations and models, rather than simply reading or memorizing formulas. Utilizing real-world applications from spring-mass systems and circuits to vibrating strings and an overview of the hydrogen atom, the book connects modern research with the presented topics, including first order equations, constant coefficient equations, Laplace transforms, partial differential equations, series solutions, systems, and numerical methods. The result is a unique guide to understanding the significance of differential equations in mathematics, science, and engineering. The workbook contains modules that involve readers in as many ways as possible, and each module begins with Prerequisites and Learning Objectives sections that outline both the skills needed to understand the presented material and what new skills will be obtained by the conclusion of the module. Detailed applications are intertwined in the discussion, motivating the investigation of new classes of differential equations and their accompanying techniques. Introductory modeling sections discuss applications and why certain known solution techniques may not be enough to successfully analyze certain situations. Almost every module concludes with a section that contains various projects, ranging from programming tasks to theoretical investigations. The book is specifically designed to promote the development of effective mathematical reading habits such as double-checking results and filling in omitted steps in a computation. Rather than provide lengthy explanations of what readers should do, good habits are demonstrated in short sections,...

Read A Workbook for Differential Equations (Paperback) Online

Download PDF A Workbook for Differential Equations (Paperback)

Other eBooks

_	

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now... Read Book >>

		$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
		_
	_	

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you... Read Book »

		_	-
	-		

Abc Guide to Fit Kids: A Companion for Parents and Families

Murdoch Books, 2007. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by Royal... Read Book »

_

Weebies Family Early Reading English Book: Full Colour Illustrations and Short Children s Stories

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Children s Weebies Family Early Reading English Language Book 1 starts to teach... Read Book »

	T	
Ξ	_	

Ye Olde Book Shoppe A Story for the Christmas Season

Paul John Hausleben. Paperback. Book Condition: New. Paperback. 64 pages. Dimensions: 9.0in. x 6.0in. x 0.2in.Once more, the master storyteller, Paul John Hausleben decides to share more of his storytelling magic for your holiday reading... Read Book »