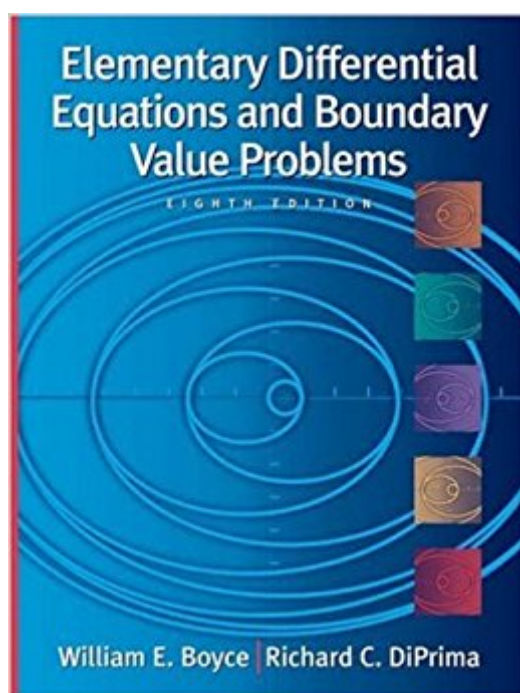**The book was found**

Elementary Differential Equations And Boundary Value Problems , 8th Edition, With ODE Architect CD

Synopsis

This revision of the market-leading book maintains its classic strengths: contemporary approach, flexible chapter construction, clear exposition, and outstanding problems. Like its predecessors, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations as they apply to engineering and the sciences. Sound and Accurate Exposition of Theory--special attention is made to methods of solution, analysis, and approximation. Use of technology, illustrations, and problem sets help readers develop an intuitive understanding of the material. Historical footnotes trace development of the discipline and identify outstanding individual contributions.

Book Information

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Customer Reviews

Take advantage of valuable study resources to succeed in your course This new edition of Boyce & DiPrimaâ ™s Elementary Differential Equations and Boundary Value Problems, 8/e, and the accompanying supplements have been carefully developed to give you the support you need to succeed in your course.Â The Eighth Edition gives you a CD-ROM with powerful ODE Architect modeling software and an array of web-based learning tools to support your studies. The CD-ROM includes: The award-winning ODE Architect software. The softwareâ ™s 14 modules enable you to build and solve your own ODEs, and to use simulations and multimedia to develop detailed mathematical models and concepts in a truly interactive environment. The ODE Architect Companion. The Companion extends the ideas featured in each multimedia module. The web-based learning tools include: Review & Study Guidelines. The Chapter Review Guidelines will

help you prepare for quizzes and exams. Online Review Quizzes. The quizzes enable you to test your knowledge of key concepts and provide diagnostic feedback that references appropriate sections in the text. PowerPoint Slides. You can print these slides out for in-class note taking. Getting Started with ODE Architect. This guide will help you get up-and-running with ODE Architectâ ™s simulations and multimedia.

William E. Boyce received his B.A. degree in Mathematics from Rhodes College, and his M.S. and Ph.D. degrees in Mathematics from Carnegie-Mellon University. He is a member of the American Mathematical Society, the Mathematical Association of America, and the Society for Industrial and Applied Mathematics. He is currently the Edward P. Hamilton Distinguished Professor Emeritus of Science Education (Department of Mathematical Sciences) at Rensselaer. He is the author of numerous technical papers in boundary value problems and random differential equations and their applications. He is the author of several textbooks including two differential equations texts, and is the coauthor (with M.H. Holmes, J.G. Ecker, andW.L. Siegmann) of a text on using Maple to explore Calculus. He is also coauthor (with R.L. Borrelli and C.S. Coleman) of Differential Equations Laboratory Workbook (Wiley 1992), which received the EDUCOMBest Mathematics Curricular InnovationAward in 1993. Professor Boyce was a member of the NSF-sponsored CODEE (Consortium for Ordinary Differential Equations Experiments) that led to the widely-acclaimed ODE Architect. He has also been active in curriculum innovation and reform. Among other things, he was the initiator of the â œComputers in Calculusâ • project at Rensselaer, partially supported by the NSF. In 1991 he received theWilliam H.Wiley Distinguished FacultyAward given by Rensselaer. Richard C. DiPrima (deceased) received his B.S., M.S., and Ph.D. degrees in Mathematics from Carnegie-Mellon University. He joined the faculty of Rensselaer Polytechnic Institute after holding research positions at MIT, Harvard, and Hughes Aircraft. He held the Eliza Ricketts Foundation Professorship of Mathematics at Rensselaer, was a fellow of the American Society of Mechanical Engineers, the American Academy of Mechanics, and the American Physical Society. He was also a member of the American Mathematical Society, the Mathematical Association of America, and the Society for Industrial and Applied Mathematics. He served as the Chairman of the Department of Mathematical Sciences at Rensselaer, as President of the Society for Industrial and Applied Mathematics, and as Chairman of the Executive Committee of the Applied Mechanics Division of ASME. In 1980, he was the recipient of theWilliam H.Wiley Distinguished Faculty Award given by Rensselaer. He received Fulbright fellowships in 1964â "65 and 1983 and a Guggenheim fellowship in 1982â "83. He was the author of numerous technical papers in hydrodynamic stability and

lubrication theory and two texts on differential equations and boundary value problems. Professor DiPrima died on September 10, 1984.

Save yourself a few hundred bucks and buy the 9th edition used for $15. I have seen the 10th edition and the material is 97% the same - they didn't even change the numbers in the problems.Now, the book "feels" closer to a science book than a math book. That is, definitions and equations are embedded in blocks of text as opposed to being neatly presented in a table. The techniques are taught by example with very little explanation. The worst part is that they will skip the manual computations and jump straight to Maple, not very helpful for exams! It would be infuriating if this text was used for self study. Thankfully, there is a ton of differential equation material out there.

This book is written with the idea that most people who would need it are comfortable with math. I am not and for me it misses out on explaining things. I end up going online to get a better feel for what I just read. That being said, if you love math Elementary Differential Equations is for you.

Fairly good ODE's book. Some problems are hard to work through and some material is not presented as good as it could be.

Bought this book for my Diff Eq class I took last semester. The proofs and the types of questions asked are good, but I didn't really feel it was very helpful with the examples it gave. Take note, I did struggle with this class, so that might color my opinion. But when I was having trouble, this book was not one of the first sources I would turn to. It might be better from someone who learns well from more theoretical explanations, but I like concrete examples and explanations and didn't find the book particularly helpful.

Overall:1/10-TL;DR reviewPros: paper feels nice, cool cover, GREAT exercises at the back of each chapter.Embarrassingly that's it for pros.Cons: book is terrible at explaining the simplest things, and often skips steps that the reader wouldn't have thought about.--Full review:I own about 60+ books and this is probably the worst book I own in my library, second to Advanced Calculus by Widder.The chapters of this book that were assigned to us are by far the most irritating chapters of a book I've ever had the displeasure of reading. The sections on exact Equations were made way more difficult than they needed to be by skipping countless steps or using new notation that's not known to new

students of Differential Equations. Chapter three is somewhat decent when discussing homogenous Differential Equations of order two, but quickly becomes useless again when attempting to teach nonhomogeneous Equations. You get the idea; the rest of the book follows the pattern.I believe that the main problem with the book is that it offers pages and walls of text before giving a concrete example instead of offering a theorem and walking you through an example. Towards the end of the semester I had a stack of 6 other DE books, as I struggled with a terrible Russian professor and this pathetic excuse of a book.I've yet to find a decent DE book that covers Eigenvalues and matrices (otherwise it would be Tenenbaum's DE'S), but "Elementary Differential Equations and Boundary Value Problems" by Powers is good, better than this 'book'.-

I bought the book new on here simply because no used ones were available. This book didn't get a lot of use by me because my diff-eq teacher didn't completely follow the book. However there were some very good examples in the book that definitely helped me out in understanding what was going on in the course. As I said in the title, differential equations is not an easy class, so you can't expect this book to make it cake, but it'll get you farther than just searching the internet IMO.

Its definitely the book I ordered. But I foolishly trusted the description provided by the seller. I was expecting a new book, but what I received was a book that was CLEARLY used. Frayed edges, along with marking and stamps along the side of the book indicate it was subjected to use by some organization called the 'Academic Challenge Program'. Not only this, but there is small amounts of writing in the book. Not everything was as advertised.

This was purchased for a course that is associated with this book. What is good is that It goes through detailed explanations of theorems and methods in regards to each topic. The book also makes well use of specific examples so as to show how to solve the problems given at the end of each section, as most books do. However, the ODE Architect CD is, for my own purposes, useless as I am not using it in the course.

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