

# Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE)

By Lawrence N. Dworsky



**Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE)** By Lawrence N. Dworsky

Readers are guided step by step through numerous specific problems and challenges, covering all aspects of electrostatics with an emphasis on numerical procedures. The author focuses on practical examples, derives mathematical equations, and addresses common issues with algorithms. **Introduction to Numerical Electrostatics** contains problem sets, an accompanying web site with simulations, and a complete list of computer codes.

- Computer source code listings on accompanying web site
- Problem sets included with book
- Readers using MATLAB or other simulation packages will gain insight as to the inner workings of these packages, and how to account for their limitations
- Example computer code is provided in MATLAB
- Solutions Manual
- The first book of its kind uniquely devoted to the field of computational electrostatics



Read Online Introduction to Numerical Electrostatics Using M ...pdf

# Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE)

By Lawrence N. Dworsky

#### Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky

Readers are guided step by step through numerous specific problems and challenges, covering all aspects of electrostatics with an emphasis on numerical procedures. The author focuses on practical examples, derives mathematical equations, and addresses common issues with algorithms. **Introduction to Numerical Electrostatics** contains problem sets, an accompanying web site with simulations, and a complete list of computer codes.

- Computer source code listings on accompanying web site
- Problem sets included with book
- Readers using MATLAB or other simulation packages will gain insight as to the inner workings of these packages, and how to account for their limitations
- Example computer code is provided in MATLAB
- Solutions Manual
- The first book of its kind uniquely devoted to the field of computational electrostatics

### Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky Bibliography

Sales Rank: #2981766 in Books
Published on: 2014-04-07
Original language: English

• Number of items: 1

• Dimensions: 10.25" h x 1.10" w x 7.20" l, .0 pounds

• Binding: Hardcover

• 456 pages

**Download** Introduction to Numerical Electrostatics Using MAT ...pdf

Read Online Introduction to Numerical Electrostatics Using M ...pdf

### Download and Read Free Online Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky

#### **Editorial Review**

Review

"The author well organized fundamental theories on electrostatics and also presented numerical examples, in which typical numerical methods, e.g., finite difference method, finite element method, and method of moment, are introduced and demonstrated by Matlab." (*Zentralblatt MATH*, 1 October 2014)

About the Author

**Lawrence N. Dworsky** earned his PhD and BEE in Electrical Engineering at New York University and his Masters of Electrical Engineering at Princeton University. He was an Assistant Professor of Mathematics at Union Community College and an Assistant Professor of Electrical Engineering at Columbia University. From 1974 until 2002, Dr Dworsky served on the technical staff of Motorola, Inc. He has 39 issued U.S. Patents and has authored numerous technical articles. This is his fourth book.

#### **Users Review**

#### From reader reviews:

#### **Gertrude Barrett:**

What do you think of book? It is just for students as they are still students or it for all people in the world, the actual best subject for that? Just you can be answered for that question above. Every person has various personality and hobby per other. Don't to be obligated someone or something that they don't need do that. You must know how great along with important the book Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE). All type of book is it possible to see on many options. You can look for the internet solutions or other social media.

#### **Doreen Williams:**

Reading a e-book can be one of a lot of exercise that everyone in the world loves. Do you like reading book so. There are a lot of reasons why people fantastic. First reading a guide will give you a lot of new details. When you read a e-book you will get new information simply because book is one of many ways to share the information as well as their idea. Second, reading through a book will make an individual more imaginative. When you studying a book especially fictional works book the author will bring someone to imagine the story how the characters do it anything. Third, you can share your knowledge to others. When you read this Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE), you are able to tells your family, friends and also soon about yours publication. Your knowledge can inspire different ones, make them reading a reserve.

#### **Heather Stewart:**

Don't be worry when you are afraid that this book can filled the space in your house, you may have it in e-book method, more simple and reachable. This kind of Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) can give you a lot of close friends because by you considering this one book you have issue that they don't and make anyone more like an interesting person. This specific book can be one of one step for you to get success. This guide offer you information that maybe your friend doesn't recognize, by knowing more than some other make you to be great persons. So , why hesitate? We should have Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE).

#### **Jessie Davis:**

That book can make you to feel relax. That book Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) was bright colored and of course has pictures on the website. As we know that book Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) has many kinds or category. Start from kids until teenagers. For example Naruto or Detective Conan you can read and feel that you are the character on there. Therefore not at all of book are make you bored, any it offers you feel happy, fun and loosen up. Try to choose the best book for yourself and try to like reading this.

Download and Read Online Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky #LYXR8NW0FGJ

## Read Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky for online ebook

Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky books to read online.

### Online Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky ebook PDF download

Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky Doc

Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky Mobipocket

Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky EPub

LYXR8NW0FGJ: Introduction to Numerical Electrostatics Using MATLAB (Wiley - IEEE) By Lawrence N. Dworsky