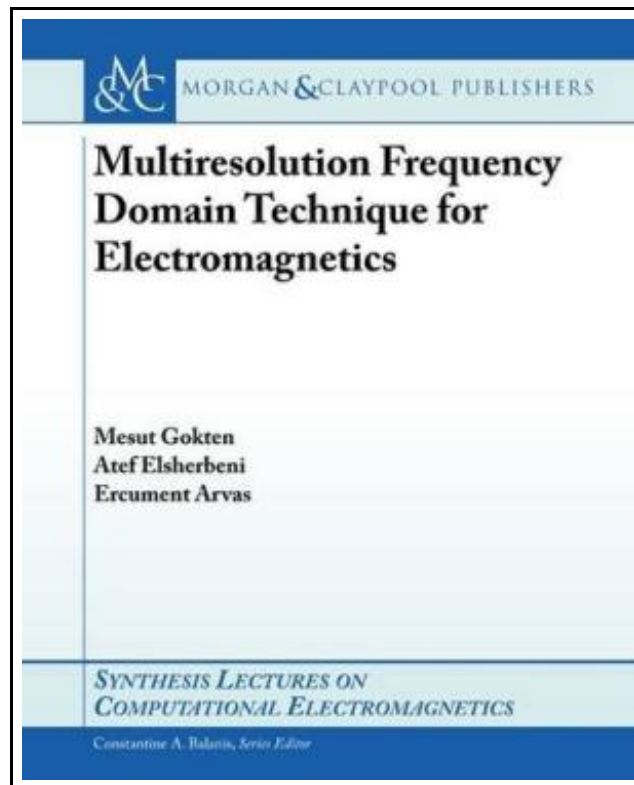


Multiresolution Frequency Domain Technique for Electromagnetics (Paperback)



Filesize: 2.37 MB

Reviews

This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Ms. Ora Buckridge)

MULTIRESOLUTION FREQUENCY DOMAIN TECHNIQUE FOR ELECTROMAGNETICS (PAPERBACK)



Morgan Claypool, United States, 2012. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.In this book, a general frequency domain numerical method similar to the finite difference frequency domain (FDFD) technique is presented. The proposed method, called the multiresolution frequency domain (MRFD) technique, is based on orthogonal Battle-Lemarie and biorthogonal Cohen-Daubechies-Feauveau (CDF) wavelets. The objective of developing this new technique is to achieve a frequency domain scheme which exhibits improved computational efficiency figures compared to the traditional FDFD method: reduced memory and simulation time requirements while retaining numerical accuracy. The newly introduced MRFD scheme is successfully applied to the analysis of a number of electromagnetic problems, such as computation of resonance frequencies of one and three dimensional resonators, analysis of propagation characteristics of general guided wave structures, and electromagnetic scattering from two dimensional dielectric objects. The efficiency characteristics of MRFD techniques based on different wavelets are compared to each other and that of the FDFD method. Results indicate that the MRFD techniques provide substantial savings in terms of execution time and memory requirements, compared to the traditional FDFD method. Table of Contents: Introduction / Basics of the Finite Difference Method and Multiresolution Analysis / Formulation of the Multiresolution Frequency Domain Schemes / Application of MRFD Formulation to Closed Space Structures / Application of MRFD Formulation to Open Space Structures / A Multiresolution Frequency Domain Formulation for Inhomogeneous Media / Conclusion.



[Read Multiresolution Frequency Domain Technique for Electromagnetics \(Paperback\) Online](#)



[Download PDF Multiresolution Frequency Domain Technique for Electromagnetics \(Paperback\)](#)

You May Also Like



Homespun Tales (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



The Birds Christmas Carol (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



The Flag-Raising (Paperback)

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She...

[Read ePub »](#)



Readers Clubhouse Set B Time to Open (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. 222 x 148 mm. Language: English . Brand New Book. This is volume nine, Reading Level 2, in a comprehensive program (Reading Levels 1...

[Read ePub »](#)



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read ePub »](#)

**ESL Stories for Preschool: Book 1 (Paperback)**

Createspace, United States, 2013. Paperback. Book Condition: New. 212 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.A big attractive colourful book for ESL beginners, aged 3 to 5. It

[Read eBook »](#)

**Rumpy Dumb Bunny: An Early Reader Children s Book (Paperback)**

Createspace, United States, 2014. Paperback. Book Condition: New. 203 x 133 mm. Language: English . Brand New Book ***** Print on Demand *****.Rumpy is a dumb bunny. He eats poison ivy for breakfast and annoys

[Read eBook »](#)

**Tales from Little Ness - Book One: Book 1 (Paperback)**

Lulu.com, United Kingdom, 2015. Paperback. Book Condition: New. 210 x 148 mm. Language: English . Brand New Book ***** Print on Demand *****.Two of a series of short Bedtime Stories for 3 to 5 year

[Read eBook »](#)

**Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

[Read eBook »](#)

**A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

[Read eBook »](#)