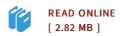




MIMO Fractal Antennas

By Ali Jabbar Salim

LAP Lambert Academic Publishing Mai 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x11 mm. This item is printed on demand - Print on Demand Neuware - The present work makes use of the unique features of fractals such as self similarity and space-filling properties to realize antennas that are characterized by multiband and compact size. The application of the geometric partial arrangement property which known as (Koch) with fourth iteration is adopted in this work. Several tests are conducted to make these antennas operate within the frequency bands (2.4 GHz and 5.8GHz) standards IEEE 802.11 b/g and IEEE 802.11a respectively for the purposes of wireless communication applications. Modeling and performance evaluation of the proposed antennas are analyzed and optimized using CST software package, which utilizes the Finite Integral Technique (FIT) for electromagnetic computation. In this work, new four miniaturized antennas with multiband behavior are proposed. Each one of these antennas based on the basis of a well-known antenna called Planar Inverted F-Antenna (PIFA), commonly used as a single-band antenna in mobile terminals. The proposed antennas are Fractal Planar Inverted F-Antenna, Folded-Fractal Planar Inverted F-Antenna, and Rotated Folded -Fractal Planar Inverted F-Antenna. 180 pp. Englisch.



Reviews

An incredibly wonderful ebook with lucid and perfect answers. It is writter in easy words instead of difficult to understand. Its been printed in an exceptionally easy way in fact it is simply following i finished reading this publication in which really modified me, modify the way i think.

-- Mr. Keyshawn Weimann

A top quality pdf and also the font applied was fascinating to learn. it was actually writtern extremely properly and valuable. I discovered this publication from my i and dad recommended this publication to find out.

-- Jan Schowalter

See Also



Dating Advice for Women: Women s Guide to Dating and Being Irresistible: 16 Ways to Make Him Crave You and Keep His Attention (Dating Tips, Dating Advice, How to Date Men)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Dating advice for women Sale price. You will save 66 with this offer. Please hurry up! Women...



No Friends?: How to Make Friends Fast and Keep Them

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Do You Have NO Friends? Are you tired of not having any friend and being lonely all the time...



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English. Brand New Book *****
Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



How to Make a Free Website for Kids

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book *****
Print on Demand *****.Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter # 2: Signing Up for a Website...



Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 205 x 74 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself

Free Spirit Publishing Inc.,U.S. Paperback / softback. Book Condition: new. BRAND NEW, Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself, Scott Cooper, What ifevery kid...