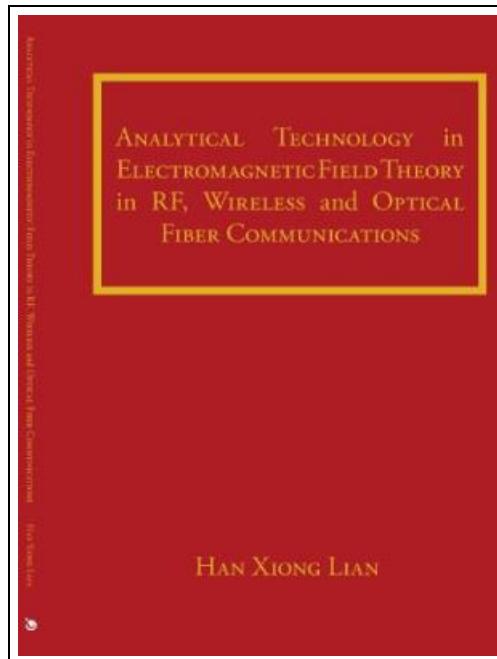


Analytical Technology in Electromagnetic Field Theory in RF, Wireless and Optical Fiber Communications



Filesize: 4.11 MB

Reviews

Completely among the finest publication I have got possibly read through. It really is rally exciting through reading through period. You are going to like how the writer compose this publication.

(Modesta Stamm PhD)

ANALYTICAL TECHNOLOGY IN ELECTROMAGNETIC FIELD THEORY IN RF, WIRELESS AND OPTICAL FIBER COMMUNICATIONS

[DOWNLOAD](#)

iUniverse, United States, 2009. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Now the author tries to sum up the analytical technology in the electromagnetic field theory that has taken place in these several ten years, which includes the papers and materials not only from author but also from other authors. All of those have been listed in the bibliography and have been mentioned in each chapter. Obviously, the problems. are so complicated which cannot be analyzed by means of the traditional analysis, but to set up a new system to analyze the electromagnetic field based on the functional analysis. Nowadays, the functional analysis has been displaced everywhere on the high level magazine to analyze the complicated boundary value problem in the theory of electromagnetic field. However, the functional analysis and the electromagnetic field theory is still separated into two causes in USA and Canada. We have discussed the nonlinear phenomena in single mode fiber such as the Stimulated Raman Scattering, the Stimulated Brillouin Scattering, the Self-Focus Phenomenon, the Kerr Effect, the Four-Photon Mixture, the Nonlinear Absorption and the Soliton Transmission in a single-mode fiber. From the mathematic point of view, we have discussed the characteristic method, the per-turbation approach, the function transformation method and the inverse scattering transformation method to transform the nonlinear equations into the linear equations to get the solutions. Now, the numerical method has been widely used in the microwave devices and optical devices to do the calculation by computer. However, the analytical technology still is a powerful tool in the computer aided design. For instance, a very powerful computer aided design program named EESOF from EESOF Inc. and the Advanced Design System (ADS) from Agilent Inc. are mostly based on the analytical solutions. Now this...



[Read Analytical Technology in Electromagnetic Field Theory in RF, Wireless and Optical Fiber Communications Online](#)



[Download PDF Analytical Technology in Electromagnetic Field Theory in RF, Wireless and Optical Fiber Communications](#)

Other PDFs



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford's post The Day I Stopped Saying Hurry Up was a true phenomenon on...

[Read ePub »](#)



Electronic Dreams: How 1980s Britain Learned to Love the Computer

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber...

[Read ePub »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Read ePub »](#)



Trini Bee: You're Never too Small to Do Great Things

Createspace Independent Publishing Platform, United States, 2013. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Children's Book: Trini Bee An Early Learning - Beginner...

[Read ePub »](#)



Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products

Fair Winds Press, 2006. 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...

[Read ePub »](#)