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

By Han Xiong Lian

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...



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Reviews

This sort of book is almost everything and helped me looking in advance and much more. Yes, it can be enjoy, nevertheless an amazing and interesting literature. Its been written in an extremely simple way which is simply right after i finished reading this publication through which in fact altered me, alter the way i really believe.

-- **Lizeth Witting**

This book is definitely not effortless to start on reading through but extremely fun to learn. Better then never, though i am quite late in start reading this one. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Aliya Franecki**