

THE ESSENTIAL COMPONENTS FOR SUCCESSFUL APPLICATION OF THE FDTD METHOD!

Coming Soon
From IEEE Press . . .

Time-Domain Methods for Microwave Structures

Analysis and Design

edited by Dr. Tatsuo Itoh, University of California at Los Angeles and IEEE Fellow, and Dr. Bijan Houshmand, Jet Propulsion Laboratory, California Institute of Technology

**CONTRIBUTIONS
FROM
AUTHORITIES IN
THE FIELD!**

TIME-DOMAIN METHODS FOR MICROWAVE STRUCTURES

Analysis and Design

edited by Dr. Tatsuo Itoh, University of California at Los Angeles and IEEE Fellow, and Dr. Bijan Houshmand, Jet Propulsion Laboratory, California Institute of Technology

This book thoroughly explains the application of Finite-difference Time-domain (FDTD) method to microwave structures. Providing the reader with the most comprehensive collection of material available on this subject, each chapter is composed of an introductory section that addresses the theoretical background of a specific component of the FDTD method, and a collection of reprints of the most important papers. Each book chapter is contributed by a well known authority in the field and contains illustrative examples.

Topics covered include:

- ◆ The numerical issues
- ◆ Geometry description of microwave structures
- ◆ Methods to reduce the requirements for excessive computational resources
- ◆ Parallel and vector processing

1997/Hardcover/400pp
List Price: \$69.95
Member Price: \$56.00
IEEE Order No. PC4630-QBZ
ISBN 0-7803-1109-4

All the topics covered in this book are essential components for successful application of the FDTD method to realistic structures.

TO HELP US SERVE YOU, PLEASE HAVE YOUR IEEE MEMBER / CUSTOMER NUMBER READY WHEN YOU CALL.

FOR FAST SERVICE CALL TOLL-FREE 1(800)678-IEEE

OUTSIDE THE USA, CALL 1(908)981-0060 OR FAX 1(908)981-9667

e-mail: customer.service@ieee.org

ORDER 24 HOURS A DAY 7 DAYS A WEEK!



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. 445 HOES LANE, PO BOX 1331, PISCATAWAY, NJ 08855-1331 USA