

MICROWAVE AND WIRELESS COMPONENTS LETTERS®

A PUBLICATION OF THE IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY



APRIL 2001

VOLUME 11

NUMBER 4

IMWCBJ

(ISSN 1531-1309)

LETTERS

Unconditionally Stable $D-H$ FDTD Formulation with Anisotropic PML Boundary Conditions.....	<i>G. Lazzi</i>	149
High-Performance Absorbing Boundary Conditions for Photonic Crystal Waveguide Simulations	 <i>M. Koshiba, Y. Tsuji, and S. Sasaki</i>	152
Zero Reflection Coefficient in Discretized PML	<i>J. S. Juntunen, N. V. Kantartzis, T. D. Tsiboukis</i>	155
Effective Permittivities for Second-Order Accurate FDTD Equations at Dielectric Interfaces	 <i>K.-P. Hwang and A. C. Cangellaris</i>	158
State-Variable-Based Transient Circuit Simulation Using Wavelets	<i>C. E. Christoffersen and M. B. Steer</i>	161
Electric Field Mapping System Using an Optical-Fiber-Based Electrooptic Probe	 <i>K. Yang, L. P. B. Katehi, and J. F. Whitaker</i>	164
Membrane-Supported CPW with Mounted Active Devices.....	<i>W. Y. Liu, D. P. Steenson, and M. B. Steer</i>	167
A Power Amplifier with Efficiency Improved Using Defected Ground Structure.....	 <i>J.-S. Lim, H.-S. Kim, J.-S. Park, D. Ahn, and S. Nam</i>	170
Accurate Modeling of Metal Plate-Loaded Loop-Coupled Cavities with Slots	<i>L. Pierantoni and T. Rozzi</i>	173
Efficient Analysis of Magnetostatic Surface Waves in Printed and Suspended Ferrite Loaded Strip Lines	 <i>R. Rafii-El-Idrissi, R. Marqués, and F. Medina</i>	176

PATENT ABSTRACTS	<i>H. C. Bell</i>	179
------------------------	-------------------	-----

ANNOUNCEMENTS

Call for Papers—IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES Special Issue on Silicon-Based RF and Microwave Integrated Circuits	191
2001 IEEE/LEOS Summer Topicals Meeting	192
