

MICROWAVE AND GUIDED WAVE LETTERS®

A PUBLICATION OF THE IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY



SEPTEMBER 2000

VOLUME 10

NUMBER 9

IMGLE3

(ISSN 1051-8207)

LETTERS

An Iterative Algorithm for Reducing Dispersion Error on Yee's Mesh in Cylindrical Coordinates	353
..... <i>M. Rewieński and M. Mrozowski</i>	
Frequency-Domain PML Layer Based on the Complex Mapping of Space Boundary Condition Treatment	356
..... <i>H. A. Jamid</i>	
The Second-Order Condition for the Dielectric Interface Orthogonal to the Yee-Lattice Axis in the FDTD Scheme	359
..... <i>T. Hirono, Y. Shibata, W. W. Lui, S. Seki, and Y. Yoshikuni</i>	
Iterative Application of Boundary Conditions in the Parallel Implementation of the FDFD Method	362
..... <i>M. Rewiński and M. Mrozowski</i>	
Microstrip Posts and Dielectric Resonators Showing a Steep Slope at Lower and Upper Stopbands for Bandpass Properties	365
..... <i>I. S. Kim</i>	
Resonance Degeneration and Spurious Mode Suppression in a Cryogenic Whispering Gallery Mode Sapphire Resonator	368
..... <i>O. Di Monaco, Y. Kersale', and V. Giordano</i>	
A New Linearization Technique for MOSFET RF Amplifier Using Multiple Gated Transistors	371
..... <i>B. Kim, J.-S. Ko, and K. Lee</i>	
A Micromachined 585 GHz Schottky Mixer	374
..... <i>K. Hui, J. L. Hesler, D. S. Kurtz, W. L. Bishop, and T. W. Crowe</i>	
A FET Transceiver Suitable for FMCW Radars	377
..... <i>K. Yhland and C. Fager</i>	
Range Measurement Using Modulated Retro-Reflectors in FM Radar System	380
..... <i>J. Thornton and D. J. Edwards</i>	
PATENT ABSTRACTS	383
..... <i>H. C. Bell</i>	

ANNOUNCEMENTS

Call for Papers—IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, Jointly Prepared with the JOURNAL OF LIGHTWAVE TECHNOLOGY, Special Issue on Microwave and Millimeter-Wave Photonics	396
---	-----
