

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION

A PUBLICATION OF THE IEEE ANTENNAS AND PROPAGATION SOCIETY



OCTOBER 2024

VOLUME 72

NUMBER 10

IETPAK

(ISSN 0018-926X)

PAPERS

Electromagnetics

<u>Physics-Informed Deep Model for Fast Time-Domain Electromagnetic Simulation and Inversion</u>	<i>H. Liu, Y. Fan, F. Ding, L. Du, J. Zhao, C. Sun, and H. Zhou</i>
<u>Derivative Sampling of Periodic and Nonperiodic Band-Limited Signals — Fourier Spectrum and Interpolation Formula</u>	<i>O. Breinbjerg</i>
<u>Exact Solution of a PTD-Symmetric Bifilar-Line Waveguide Formed by Parallel-Plate Impedance Junctions</u>	<i>X. M. Mitsalas, C. De Angelis, and S. Maci</i>
<u>Marine Electric Field Observations With Variable Dielectric Polarization</u>	<i>J. Ye, P. Li, and Y. Wen</i>
<u>Finite-Difference Time-Domain Methods: From Fields and Potentials to Gauge-Invariant Field-Impulses With Universal Current-Impulse Source</u>	<i>E. L. Tan and D. Y. Heh</i>
<u>Scattering-Based Characteristic Mode Theory for Structures in Arbitrary Background: Computation, Benchmarks, and Applications</u>	<i>C. Shi, J. Pan, X. Gu, S. Liang, and L. Zuo</i>
