

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION

A PUBLICATION OF THE IEEE ANTENNAS AND PROPAGATION SOCIETY



OCTOBER 2025

VOLUME 73

NUMBER 10

IETPAK

(ISSN 0018-926X)

PAPERS

Numerical Methods

- [Topology Optimization of a Superabsorbing Thin-Film Semiconductor Metasurface](#) *J. Gedeon, I. Allayarov, E. Hassan, and A. C. Lesina*
- [Transient Analysis of Bianisotropic Metamaterials With the DGTD Method](#) *Q. Ren, H. Cao, Y. Zhou, and Q. H. Liu*
- [Efficient Method-of-Moments Analysis of Linear Cavity-Backed Slot Arrays With a Reduced Number of Basis Functions](#)
. *J. Geng and D. Cavallo*
- [A Generalized Adaptive Finite Element Method for Wave-Equation-Based Interaction](#)
. *Y.-D. Wang, Q. Zhan, Y.-Y. Wang, H. Feng, H.-X. Zhang, and W.-Y. Yin*
- [An Efficient Near-Field Equivalent Source-Based Internal Multiport Method for Analysis and Optimization of Pixel Antennas](#)
. *Q. Chen, Y.-F. Cheng, Y.-F. Yang, C. Liao, L. Peng, and X. Ding*
- [Multisize Fitting Method of Attributed Scattering Center Based on POMP-GA for RCS Prediction](#)
. *S.-K. Sun, Z. He, T.-C. Xiang, H. Yan, D.-Z. Ding, and H.-C. Yin*
- [Electromagnetic Modeling and Uncertainty Quantification of 3-D Woven Spacer Composite Antenna](#)
. *M. Zhai, W. Bian, R. Pei, K. Zhang, F. Xu, and W.-Y. Yin*
-