Abstracts

Microstrip Antennas and Discontinuities Using the Measured Equation of Invariance

M.D. Prouty, S.E. Schwarz, K.K. Mei, Y. Liu and R. Pous. "Microstrip Antennas and Discontinuities Using the Measured Equation of Invariance." 1994 MTT-S International Microwave Symposium Digest 94.2 (1994 Vol. II [MWSYM]): 595-598.

The recently invented MEI technique is applied to the 3-dimensional full-wave analysis of discontinuities in microstrip. Results for a microstrip dipole antenna, open end, and right-angle bend are in good agreement with earlier work. The MEI technique is faster and more powerful than previous methods. Its advantage increases with the size and complexity of the problem.

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