

# Abstracts

## Analysis of Microstrip Discontinuities Using the Finite Difference Time Domain Technique

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*C.J. Railton and J.P. McGeehan. "Analysis of Microstrip Discontinuities Using the Finite Difference Time Domain Technique." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1009-1012.*

This contribution demonstrates the potential of the Finite Difference Time Domain technique to analyse MMIC structures of arbitrary complexity with moderate computational effort and to meet the requirement for CAD tools capable of treating high density MMIC's. Results are presented for uniform microstrip, the abrupt termination and the microstrip right angle bend.

 [Return to main document.](#)