

# Abstracts

## Time-Domain Calculation of Microstrip Components and the Curve-Fitting of Numerical Results

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*X. Zhang and K.K. Mei. "Time-Domain Calculation of Microstrip Components and the Curve-Fitting of Numerical Results." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. 1 [MWSYM]): 313-316.*

The Time-Domain Finite Difference method combined with Fourier transform techniques has recently been shown to be a very effective approach in modeling the dispersive characteristics of microstrip components. The present research further investigate the problems associated with the generation of design data over a larger substrate and line parameter range and the curve-fitting of the numerical results for CAD purpose.

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