

# Abstracts

## Application of MRTD to Printed Transmission Lines

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*E. Tentzeris, M. Krumpholz and L.P.B. Katehi. "Application of MRTD to Printed Transmission Lines." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 573-576.*

The recently developed MRTD scheme is applied to the solution of printed transmission line problems. Specifically, the field pattern and the characteristic impedance of a membrane stripline is calculated. The results are compared to those obtained by use of the conventional FDTD scheme to indicate considerable savings in memory and computational times.

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