

# Abstracts

## Nonlinear circuit characterization using a multiresolution time domain technique (MRTD)

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*L. Roselli, E.M. Tentzeris and L.P.B. Kateh. "Nonlinear circuit characterization using a multiresolution time domain technique (MRTD)." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1397-1400.*

The MRTD scheme is applied to the modeling of nonlinear circuits. Specifically, the implementation of passive and active elements is discussed. The results are compared to those obtained by use of the commercial CADs to indicate considerable savings in memory and computational time.

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