

# Abstracts

## Nonlinear dynamic modeling of micromachined microwave switches

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*E.K. Chan, E.C. Kan, R.W. Dutton and P.M. Pinsky. "Nonlinear dynamic modeling of micromachined microwave switches." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1511-1514.*

Nonlinear dynamic lumped models of micromachined microwave switches have been formulated and successfully applied to analyses of transient characteristics and geometrical scaling.

Parameter extraction through electrical measurements is summarized. The results are compared to transient quasi-2D simulations.

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