

# Abstracts

## Modeling of Nonlinear Distortion in GaAs MESFETs

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*R.J. Gilmore and F.J. Rosenbaum. "Modeling of Nonlinear Distortion in GaAs MESFETs." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 430-431.*

A modified harmonic balance approach is applied to a GaAs FET model to simulate two-tone intermodulation distortion and multiple signal suppression in MESFET amplifiers and mixers. Experimental results of a single stage FET amplifier are presented.

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