

# Abstracts

## A GaAs FET Model for Large-Signal Applications

---

*D.L. Peterson, A.M. Pavio, Jr. and B. Kim. "A GaAs FET Model for Large-Signal Applications." 1984 Transactions on Microwave Theory and Techniques 32.3 (Mar. 1984 [T-MTT] (Special Issue on Power and Low-Noise GaAs FET Circuits and Applications)): 276-281.*

The use of GaAs FET's under large-signal conditions requires a knowledge of the nonlinear behavior of these devices. A computer program, based on a circuit model with nonlinear elements, has been developed which provides this information. Results from the computer model and examples of its use in microwave circuit design are given.

 [Return to main document.](#)