

# Abstracts

## A Comparative Study of TEGFET and MESFET Large Signal Character and Saturation Mechanisms

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*M. Weiss and D. Pavlidis. "A Comparative Study of TEGFET and MESFET Large Signal Character and Saturation Mechanisms." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 553-556.*

A new method for large-signal transistor analysis is presented and applied to TEGFETs and MESFETS. Saturation mechanisms of both types of transistors are described and operation differences are discussed. The importance and influence of higher harmonic signal components on the large signal characteristics is also shown.

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