

Abstracts

A General CAD Tool for Large-Signal GaAs MESFET Circuit Design

J.M. Golio, P.A. Blakey and R.O. Grondin. "A General CAD Tool for Large-Signal GaAs MESFET Circuit Design." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 417-420.

An accurate and general CAD tool for large-signal GaAs MESFET design has been developed. It is based upon incorporation of an accurate GaAs MESFET model in the SPICE circuit simulation. The tool has been utilized in the analysis of microwave power amplifiers, oscillators and mixers, and GaAs digital IC's. Examples of some of these studies are presented.

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