

Session B

Non Linear Modeling and Analysis

Chairman:

J. Michael Golio

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This session consists of six papers which cover a broad range of topics related to nonlinear modeling and analysis of microwave devices and circuits. Topics include pulsed S-parameter measurements under pulsed bias conditions, statistical investigations of FET parameters using both physically based and empirical models, large signal circuit simulation for HEMT applications, harmonic balance analysis of self oscillating mixers, intermodulation analysis of HBTs, and a modified voltage-update algorithm for analysis of multiple device oscillators.

10:30 a.m.–12:00 p.m., Tuesday, June 11, 1991
Ballroom B