

Abstracts

Session 16 Introduction (1984 [MWSYM])

J.E. Raue. "Session 16 Introduction (1984 [MWSYM])." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 389-389.

A broad range of subjects is included, indicative of the breadth of recent progress and current interest. Active diode circuit applications include efficient broadband IMPATT power amplifiers, and two very useful new Gunn oscillator applications: fundamental injection harmonic Gunn oscillators and frequency agile active phase shifters. A 35 GHz high power switch comprised of a monolithic array of silicon diodes will also be described. The final paper in the session describes the development of an algebraic treatment of the distortion in nonlinear devices under large signal conditions.

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