

Abstracts

A Series of CAD Techniques for Designing Microwave Feedback Amplifiers and Simplifying the Design of Reactively Matched Single-Ended Amplifiers

P.L.D. Abrie. "A Series of CAD Techniques for Designing Microwave Feedback Amplifiers and Simplifying the Design of Reactively Matched Single-Ended Amplifiers." 1990 MTT-S International Microwave Symposium Digest 90.3 (1990 Vol. III [MWSYM]): 1195-1198.

A series of CAD techniques is introduced which is useful for modifying the characteristics of transistors for use in microwave amplifiers. Two applications are presented: In the first, some of these techniques are applied to the design of feedback amplifiers and in the second two transistors are modified for easier matching and a flat transducer power gain versus frequency response in a single-stage amplifier configuration.

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