

Abstracts

Observations of Chaos in Microwave Circuits

R. Kaul. "Observations of Chaos in Microwave Circuits." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1867-1870.

This paper summarizes observations of chaotic behavior in some microwave circuits that have been reported over the last 10 years. Also, it extends results previously reported for a PIN diode limiter in order to identify the nonlinearities in the diode that allow for chaotic behavior. Further knowledge of chaotic microwave parameters will allow system designers to make use of these properties in future applications.

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