

Abstracts

Global Stability Analysis of Microwave Circuits by a Frequency-Domain Approach

V. Rizzoli and A. Neri. "Global Stability Analysis of Microwave Circuits by a Frequency-Domain Approach." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 689-692.

The paper presents a novel computer algorithm allowing a global stability analysis of any nonlinear microwave circuit to be carried out in a general-purpose CAD environment. This is obtained through a systematic application of bifurcation theory in a way compatible with the frequency-domain description of the linear subnetwork.

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