

Abstracts

CAD of E-Plane Circuits with Field-Theory Based Lookup Tables and Discontinuity Models

P. So, W.J.R. Hoefer and P. Saguet. "CAD of E-Plane Circuits with Field-Theory Based Lookup Tables and Discontinuity Models." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 335-338.

In this paper, a novel CAD procedure for E-plane circuits is presented. The CAD method uses field-theory based lookup tables, discontinuity models and an innovative interpolation technique based on physically realistic functions. Several finline circuit components were designed and measured. The CAD results are in good agreement with the experimental results.

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