

Abstracts

Analysis of an Arbitrarily-Shaped Planar Circuit a Time-Domain Approach

W.K. Gwarek. "Analysis of an Arbitrarily-Shaped Planar Circuit a Time-Domain Approach." 1985 *Transactions on Microwave Theory and Techniques* 33.10 (Oct. 1985 [T-MTT] (Special Issue on Numerical Methods)): 1067-1072.

A study of an arbitrarily-shaped planar circuit is reported. The theoretical background is presented and then a numerical method of analysis is introduced. Experiments show good agreement between the theoretical calculations and the measurements. The examples of applications concern stripline circuits but the method may be also applied to waveguides.

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