

Abstracts

Diakoptics Using Finite Element Analysis

K. Guillouard, M.F. Wong, V.F. Hanna and J. Citerne. "Diakoptics Using Finite Element Analysis." 1996 MTT-S International Microwave Symposium Digest 96.1 (1996 Vol. 1 [MWSYM]): 363-366.

A diakoptics technique based on the use of finite element method is developed in this paper. This method enables the analysis of large microwave structures by modular computation of subdomains. The proposed algorithm is validated on a test case of a step in width finline discontinuity.

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