

Abstracts

Numerical Modeling of Passive Microwave Devices

P. Silvester and Z.J. Csendes. "Numerical Modeling of Passive Microwave Devices." 1974 Transactions on Microwave Theory and Techniques 22.3 (Mar. 1974 [T-MTT] (Special Issue on Computer-Oriented Microwave Practices)): 190-201.

Passive linear bilateral microwave devices principally include guided wave transmission structures, their junctions, and interconnections, as well as such complex devices as resonant cavities and planar networks. The computational methods for analyzing the behavior of this class of structures and for characterizing them for purposes of network design are briefly reviewed.

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