

Abstracts

Green's Function Approach for Obtaining S-Matrices of Multimode Planar Networks (Short Papers)

R. Chadha and K.C. Gupta. "Green's Function Approach for Obtaining S-Matrices of Multimode Planar Networks (Short Papers)." 1983 Transactions on Microwave Theory and Techniques 31.2 (Feb. 1983 [T-MTT] (Special Issue on Millimeter-Waves)): 224-227.

Evaluation of S-matrices for circuits using multimode microstrip-like lines is presented. Planar waveguide model for lines and two-dimensional analysis using Green's functions are used. As an example, a multimode S-matrix is computed for a microstrip right-angled bend.

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