

Abstracts

Faster Computation of Z-Matrices for Rectangular Segments in Planar Microstrip Circuits (Short Papers)

A. Benalla and K.C. Gupta. "Faster Computation of Z-Matrices for Rectangular Segments in Planar Microstrip Circuits (Short Papers)." 1986 Transactions on Microwave Theory and Techniques 34.6 (Jun. 1986 [T-MTT]): 733-736.

Currently available formulation of Z-matrices for rectangular segments in planar microstrip circuits involves numerical summation of the doubly infinite series in the corresponding Green's function. These computations can be accelerated considerably by using the formulation proposed here which is based on an analytical treatment of one of the summations involved.

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