

Abstracts

An Analytical Solution for the Coupled Stripline-Like Microstrip Line Problem

D. Homentcovschi, A. Manolescu, A.M. Manolescu and L. Kreindler. "An Analytical Solution for the Coupled Stripline-Like Microstrip Line Problem." 1988 Transactions on Microwave Theory and Techniques 36.6 (Jun. 1988 [T-MTT]): 1002-1007.

An analytical method for determining the Maxwell's capacitance matrix of multiconductor coupled stripline-like microstrip lines in an inhomogeneous medium is presented. The method is based on conformal mapping and the theory of singular integral equations.

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