Abstracts

A Simple Method for Determining the Green's Function for a Large Class of MIC Lines Having Multilayered Dielectric Structures

To find the characteristic parameters of the wave propagation in microstrip structures, several Green's function methods have already been developed, corresponding to particular geometric configurations. In this paper, three of these methods are synthesized, showing that the final equations in the different cases are identical. Moreover, using the transverse transmission line theory, the Green's function is solved numerically for an N-layer dielectric structure.

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