

Abstracts

Analysis of Planar Waveguides with the Method of Lines and Absorbing Boundary Conditions

A. Dreher and R. Pregla. "Analysis of Planar Waveguides with the Method of Lines and Absorbing Boundary Conditions." 1991 Microwave and Guided Wave Letters 1.6 (Jun. 1991 [MGWL]): 138-140.

The method of lines is extended to analyze planar waveguides with open boundaries. The efficiency of using absorbing boundary conditions is demonstrated by the calculation of the effective permittivity of a single microstrip line.

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