Abstracts

A Discretized Integral Equation Approach for Solving Microstrip Circuits Embedded in Inhomogeneous Waveguides

H.M. Fahmy and T.E. van Deventer. "A Discretized Integral Equation Approach for Solving Microstrip Circuits Embedded in Inhomogeneous Waveguides." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 719-722.

A novel fullwave hybrid technique using the method of lines in an integral equation approach (MOL/IE) is developed. The strength of the method lies in the numerical computation of the dyadic Green's function. The advantages of the technique are presented and validation is performed for 2D and 3D structures.

❑ Return to main document.