

Abstracts

Recursive Mode Matching Method for Multiple Waveguide Junction Modeling

O.P. Franz and W.C. Chew. "Recursive Mode Matching Method for Multiple Waveguide Junction Modeling." 1996 *Transactions on Microwave Theory and Techniques* 44.1 (Jan. 1996 [T-MTT]): 87-92.

The mode matching method is applied to different waveguide geometries, and a recursive scheme is defined to use the appropriate number of modes in each section of the waveguide. Numerical simulations for different types of applications are given and show very good results.

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