

Abstracts

Discrete Mode Matching for the Full-Wave Analysis of Planar Waveguide Structures

A. Dreher. "Discrete Mode Matching for the Full-Wave Analysis of Planar Waveguide Structures." 1996 MTT-S International Microwave Symposium Digest 96.1 (1996 Vol. I [MWSYM]): 193-196.

A new spectral domain method is proposed for the exact, efficient numerical full-wave analysis of planar multilayer, multiconductor optical, microwave waveguide structures. It includes a systematic procedure with very less analytical, computational effort. The propagation constants are calculated for some examples, compared to existing results.

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