

Abstracts

Analysis and Synthesis of Guides with Closely Spaced Discontinuities

B.L. Harris and P.E. Mayes. "Analysis and Synthesis of Guides with Closely Spaced Discontinuities." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 499-502.

Techniques have previously been developed to determine the scattering parameters for lines or guides with a single geometric step discontinuity. However, for a system with more than one closely spaced discontinuity the field interaction between the discontinuities must be taken into account. A technique outlined below, can in theory handle any number of closely spaced discontinuities.

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