

Abstracts

Comparative Study of Mode Matching Formulations for Microstrip Discontinuity Problems (1985 [MWSYM])

Y.C. Shih, T.S. Chu and T. Itoh. "Comparative Study of Mode Matching Formulations for Microstrip Discontinuity Problems (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 435-438.

Several matrix formulations for the microstrip step discontinuity problem are compared. Although they are theoretically identical, one of them has a decided advantage in numerical labor, relative and absolute convergence. Results by this method are checked with other published data and with those independently derived by the modified residue calculus technique.

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