

Abstracts

Multiconductor Transmission Lines and the Green's Matrix (Short Papers)

L. Gruner. "Multiconductor Transmission Lines and the Green's Matrix (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.9 (Sep. 1974 [T-MTT]): 837-839.

It is shown that the study of arbitrarily terminated multiconductor transmission lines which may in general be lossy and subjected to excitation applied at an arbitrary point along the lines, may be effectively performed with the aid of the appropriate Green's matrix. The procedure is illustrated using the Chipman method of impedance measurement as well as coupled microstrip lines.

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