

Abstracts

Approximate Calculation of the High-Frequency Resistance Matrix for Multiple Coupled Lines

G.L. Matthaei and G.C. Chinn. "Approximate Calculation of the High-Frequency Resistance Matrix for Multiple Coupled Lines." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1353-1354.

A new and relatively simple method for the calculation of the high-frequency resistance matrices of multiple coupled lines is presented. The method is based on a generalization of Wheeler's "incremental inductance rule" so as to apply to any number of coupled lines.

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