

Calculation of Inductance of Finite-Length Strips and its Variation with Frequency

A. Gopinath and P. Silvester. "Calculation of Inductance of Finite-Length Strips and its Variation with Frequency." 1973 Transactions on Microwave Theory and Techniques 21.6 (Jun. 1973 [T-MTT]): 380-386.

The inductances of finite-length strips over a ground plane are calculated by the Galerkin method. The formulation is in terms of the quasi-static skin-effect equation. The numerical technique used is discussed and sample results are presented.

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