

Abstracts

The Admittance Matrix of Coupled Transmission Lines (Letters)

A.I. Grayzel. "The Admittance Matrix of Coupled Transmission Lines (Letters)." 1974 Transactions on Microwave Theory and Techniques 22.10 (Oct. 1974 [T-MTT]): 902-904.

An alternate derivation of the admittance matrix of n coupled lines is presented. The method uses the superposition of two modes of excitation analagous to the even and odd mode excitation used for the analysis of two coupled lines. Only mutual capacitance to adjacent lines is considered.

 [Return to main document.](#)

Click on title for a complete paper.