

Abstracts

Graphical Procedures for Finding Matrix Elements for a Lattice Network and a Section of Transmission Line (Correspondence)

H.F. Mathis. "Graphical Procedures for Finding Matrix Elements for a Lattice Network and a Section of Transmission Line (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.1 (Jan. 1965 [T-MTT]): 130-132.

Four-terminal networks and two-port junctions can be represented by several different well-known 2 by 2 matrices. Tables relating the elements in the various matrices have been published. Graphical procedures are presented here which may be used to determine the elements in these matrices for a lattice network and a section of transmission line, as shown in Fig. 1.

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