

Abstracts

Exact Design of Stepped-Impedance Transformers (Short Papers)

F.-C. Chang and H. Mott. "Exact Design of Stepped-Impedance Transformers (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.9 (Sep. 1972 [T-MTT]): 620-621.

The exact solutions of the design of stepped-impedance transformers presented until now have been tedious and subject to computational error. We present here an exact synthesis procedure which requires less effort than other exact procedures. In addition, two recurrence formulas are given for determining the characteristic impedances of each section. The coefficients so obtained can be compared to eliminate computational errors.

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