Abstracts

Exact Solutions of Stepped Impedance Transformers Having Maximally Flat and Chebyshev Characteristics

C.S. Gledhill and A.M.H. Issa. "Exact Solutions of Stepped Impedance Transformers Having Maximally Flat and Chebyshev Characteristics." 1969 Transactions on Microwave Theory and Techniques 17.7 (Jul. 1969 [T-MTT]): 379-386.

An exact method, involving the line vector z, is developed for calculating the characteristic impedances of stepped impedance transformers having maximally-flat and Chebyshev characteristics. It is also shown that this leads to considerable economy of effort compared with earlier methods.

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