

Abstracts

Note on Impedance Transformations by the Isometric Circle Method (Correspondence)

E.F. Bolinder. "Note on Impedance Transformations by the Isometric Circle Method (Correspondence)." 1958 Transactions on Microwave Theory and Techniques 6.1 (Jan. 1958 [T-MTT]): 111-112.

The isometric circle method is a graphical method of transforming a complex quantity by the linear fractional transformation. It has recently been applied to impedance transformations through bilateral two-port networks. The purpose of this note is to show the connection between the isometric circle method and another graphical method called the "triangular" method, and also to present a useful formula for reflection-coefficient transformations through bilateral, lossless two-port networks.

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