Abstracts

A new model of generalized invertor and its applications

A new model of generalized invertor is presented, The model is generalized from the conventional K-, J-invertor. So it is easy to be applied directly to design microwave circuits such as impedance transformers, filters, and couplers of any complex discontinuities, when the symmetrical and asymmetrical networks are involved. The theory based on the new model is developed to enrich the microwave theory on network synthesis. Examples are given to show the effectiveness and convenience in application.

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