

Abstracts

Analysis and Design of a Microwave Transistor Active Filter

R.V. Snyder, Jr. and D.L. Bozarth. "Analysis and Design of a Microwave Transistor Active Filter." 1970 Transactions on Microwave Theory and Techniques 18.1 (Jan. 1970 [T-MTT]): 2-9.

In this paper "inverted common collector" transistor resonator filters will be analyzed. Simple formulas will be presented for the input immittance parameters, in terms of the bridged-T equivalent network and in terms of the common-emitter Y parameters. A design procedure is suggested, and a design example given. Stability of the resultant circuitry is discussed.

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