

Abstracts

Optimization of Microwave Networks (Short Papers)

C. Charalambous and A.R. Conn. "Optimization of Microwave Networks (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.10 (Oct. 1975 [T-MTT]): 834-838.

The application of a new algorithm for minimax optimization is investigated. Unlike most of the previously published algorithms the new algorithm uses to its advantage certain obvious properties of the minimax function, namely, that the discontinuities in the first derivatives can be characterized by projections. An N-section transmission-line transformer is used as a test problem.

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