

# Abstracts

## Properties of a Four-Port Nonreciprocal Circuit Utilizing YIG on Stripline--Filter and Circulator

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*M. Igarashi and Y. Naito. "Properties of a Four-Port Nonreciprocal Circuit Utilizing YIG on Stripline--Filter and Circulator." 1972 Transactions on Microwave Theory and Techniques 20.12 (Dec. 1972 [T-MTT] (1972 Symposium Issue)): 828-833.*

Experimental results of the 4-port nonreciprocal band-stop-pass filter and the tunable resonance type circulator with the properties of the 4-port filter are reported, and the theory of the new nonreciprocal circuit is discussed. The filter operates over a two-octave frequency range and the over about a one-octave frequency range.

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