

# Abstracts

## Canonical Representation and Figure of Merit of Circulator

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K. Araki and Y. Naito. "Canonical Representation and Figure of Merit of Circulator." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 512-515.

Proposing a canonical representation, valid for analysis and synthesis, of circulator, the paper also attempts to prove the circulator's figure of merit to be invariant under an arbitrary lossless reciprocal and cyclic-symmetry imbedding.

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