

# Abstracts

## Asymmetric Canonical Dielectric Resonator Filters

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S.J. Fiedziuszko. "Asymmetric Canonical Dielectric Resonator Filters." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 80-82.

Miniature, high performance asymmetric canonical filters utilizing dual-mode dielectric resonators are discussed. Filter synthesis is accomplished by proper rotations of the canonical coupling matrix. As an example, performance of realized 6-pole asymmetric canonical (6-4) and 8-pole self-equalized (8-4-2) filters are presented.

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