

# Abstracts

## Microwave Filters with Arbitrary Prescribed Phase Characteristics

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J.D. Rhodes. "Microwave Filters with Arbitrary Prescribed Phase Characteristics." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 152-153.

With the advent of practical non-minimum phase microwave networks, greater flexibility is now achievable in the design of frequency selective microwave filters. Design techniques are presented for the construction of generalized TEM mode interdigital filters and waveguide generalized direct coupled cavity filters which exhibit selective amplitude characteristics simultaneously approximating arbitrary prescribed phase characteristics.

[Return to main document.](#)