

# Abstracts

## Microwave Filters with Single Attenuation Poles at Real or Imaginary Frequencies

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*R. Levy. "Microwave Filters with Single Attenuation Poles at Real or Imaginary Frequencies." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 54-56.*

A new unified theory is presented for the synthesis of exactly equi-ripple low pass prototypes having (a) one simple pole of attenuation at a real frequency, or (b) a single pair of real axis transmission zeros (giving linear phase performance). Practical results for microwave bandpass filters are described.

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