

Abstracts

A True Elliptic-Function Filter Using Triple-Mode Degenerate Cavities

W.-C. Tang and S.K. Chaudhuri. "A True Elliptic-Function Filter Using Triple-Mode Degenerate Cavities." 1984 Transactions on Microwave Theory and Techniques 32.11 (Nov. 1984 [T-MTT]): 1449-1454.

A six-pole triple-mode filter capable of a true elliptic-function response has been synthesized and experimentally realized. This was achieved by using a new intercavity iris structure that can control three intercavity-mode couplings simultaneously.

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