

# Abstracts

## Compact Grating Structure for Application to Filters and Resonators in Monolithic Microwave Integrated Circuits

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*T.-H. Wang and T. Itoh. "Compact Grating Structure for Application to Filters and Resonators in Monolithic Microwave Integrated Circuits." 1987 Transactions on Microwave Theory and Techniques 35.12 (Dec. 1987 [T-MTT] (1987 Symposium Issue)): 1176-1182.*

Possible high-Q circuits based on a new crosstie overlay slow-wave structure are proposed for monolithic microwave integrated circuits. Configurations and results of slow-wave factors are presented. This structure is used for construction of a frequency-selective reflector with a compact size. The effect of loss is considered.

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