

# Abstracts

## Effect of external circuit susceptance upon dual-mode coupling of a bandpass filter

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*A.C. Kundu and I. Awai. "Effect of external circuit susceptance upon dual-mode coupling of a bandpass filter." 2000 Microwave and Guided Wave Letters 10.11 (Nov. 2000 [MGWL]): 457-459.*

The effect of external circuit susceptances in the coupling between the dual-modes of a microstrip ring resonator bandpass filter in addition to the main stub perturbation susceptances is described. New theoretical expressions are devised to calculate this coupling and they are experimentally verified.

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