

# Abstracts

## A New Approach for the Design of Microwave and Filters Using Dielectric Oscillators Resonators

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*A. Podcameni and L.F.M. Conrado. "A New Approach for the Design of Microwave and Filters Using Dielectric Oscillators Resonators." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 169-172.*

A comprehensive model for the transmission-mode dielectric resonator coupled to microstrip line is given. New approach design for parallel feedback oscillators and bandpass filters are discussed. A low-noise oscillator and two different filters, using both the same hardware, are presented.

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