

# Abstracts

## Slotline Coupled Varactor Tuning of Voltage Controlled Oscillators

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*J.B. De Swardt and P.W. Van der Walt. "Slotline Coupled Varactor Tuning of Voltage Controlled Oscillators." 1990 MTT-S International Microwave Symposium Digest 90.2 (1990 Vol. II [MWSYM]): 767-768.*

A new electronic means of tuning a dielectric resonator oscillator has been developed. The varactor control element is electro-magnetically coupled to the resonator by means of a slotline. The easily manufactured circuit has a relatively wide tuning range. It is ideally suited for narrow-band VCO's.

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