

# Abstracts

## Varactor-Tuned Avalanche Transit-Time Oscillator with Linear Tuning Characteristics (Correspondence)

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*M.I. Grace. "Varactor-Tuned Avalanche Transit-Time Oscillator with Linear Tuning Characteristics (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.1 (Jan. 1970 [T-MTT]): 44-45.*

A circuit is described which uses an abrupt junction varactor to electronically tune an IMPATT oscillator. Linear voltage frequency tuning is obtained over a 10 percent frequency band.

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