

# Abstracts

## A Numerical Observation on the Self-Oscillating Tunnel-Diode Mixer (Short Papers)

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*C. Toker. "A Numerical Observation on the Self-Oscillating Tunnel-Diode Mixer (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.6 (Jun. 1973 [T-MTT]): 430-431.*

The anomalous behavior previously observed in a self-oscillating tunnel-diode mixer has been analyzed numerically. The theoretical results obtained explain the phenomena of the corresponding conversion loss becoming infinite when the oscillation magnitude of a self-oscillating tunnel-diode mixer is maximum.

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