

# Abstracts

## Transferred Electron Amplifiers and Oscillators

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S.Y. Narayan and F. Sterzer. "Transferred Electron Amplifiers and Oscillators." 1970 *Transactions on Microwave Theory and Techniques* 18.11 (Nov. 1970 [T-MTT] (Special Issue on Microwave Circuit Aspects of Avalanche-Diode and Transferred Electron Devices)): 773-783.

The current status of transferred electron devices (TEDs) is surveyed. The physics of the transferred electron effect, the theory of amplifiers and oscillators, material growth, device fabrication, and the design of amplifier and oscillator circuits are discussed along with a presentation of the outlook for the near future.

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