

## **V-10. Advances in Solid State Microwave Devices\***

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This paper reviews the latest solid state techniques in terms of oscillators, amplifiers, detectors, switches, and limiters.

Varactors, tunnel diodes, PIN diodes, transistors, and other, more sophisticated devices, such as those based on hot electrons or phonons, will be discussed in terms of circuit performance and system application.

\*Invited paper.