

V-6. New Device Principles Used in Microwave Diodes*

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Modern microwave diodes owe much to transistor techniques, materials, and understanding. In contrast to the older point-contact diodes, still universally used in microwave receivers, the new units operate by means of a variety of new principles which were not available until transistor techniques were applied.

This paper briefly describes the new principles, and the performance that they make possible.

*Invited paper.