

Abstracts

The Effect of Neutron Radiation on an IMPATT Diode (Correspondence)

R.J. Chaffin. "The Effect of Neutron Radiation on an IMPATT Diode (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.2 (Feb. 1969 [T-MTT]): 119-120.

Data are presented that show an increase in efficiency of an IMPATT diode after neutron irradiation. A theory explaining this effect is derived and compared with the experimental results. Less detailed data are also presented on variations of other diode parameters with neutron irradiation.

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