

Abstracts

Analysis of Negative-Resistance Photodiodes

M. Wright. "Analysis of Negative-Resistance Photodiodes." 1964 PTGMTT International Symposium Program and Digest 64.1 (1964 [MWSYM]): 112-114.

Photodetectors for the detection of microwave-modulated optical radiation have recently received increasing attention. Passive microwave photodiodes (containing no negative resistance or other gain-producing mechanism) have been recently developed and some experimental work has been presented on active parametric photodiodes. An active photodetector is one in which a gain-producing mechanism, such as a negative resistance, appears.

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