Abstracts

DC and Microwave-Biased Photoconductive Response in CdS Crystals (Short Papers)

P.R. Herczfeld and L.R. Hanlon. "DC and Microwave-Biased Photoconductive Response in CdS Crystals (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.2 (Feb. 1973 [T-MTT]): 109-111.

DC and microwave-biased measurements of the photoresponse spectrum of sulfur-sensitized CdS single crystals were made in a K-band (22-GHz) reflection bridge. The experimental arrangement was such that both dc and microwave measurements could be performed at different temperatures without changing the rest of the sample's environment. For the microwave measurements, the response spectra were narrower and shifted toward shorter wavelengths than for the dc measurements.

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