

# Abstracts

## Detection of Millimeter-to-Infrared Radiation

---

*F.R. Arams. "Detection of Millimeter-to-Infrared Radiation." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 210-210.*

The various mechanisms for the detection of millimeter-to-infrared radiation will be surveyed. Techniques to be covered include intrinsic photoconductors (such as HgCdTe), extrinsic photoconductors (mainly germanium doped with various impurities), free-carrier absorbers (such as InSb), superconducting Josephson-effect point contacts, carbon, and Ge cryogenic bolometers, and room-temperature bolometers (such as the thermistor, thermoelectric, and pyroelectric detectors).

[Return to main document.](#)