

# Abstracts

## Integrated Optics for 10 Micron Wavelengths (Abstract)

---

*D.B. Anderson. "Integrated Optics for 10 Micron Wavelengths (Abstract)." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 294-294.*

Efforts to develop the integrated optics art at North American Rockwell for the far infrared region will be summarized. The material properties and processing techniques apposite to passive waveguide and active devices in the 10 micron region will be indicated noting the similarities and differences to the comparable microwave art. Parametric frequency conversion and second harmonic experiments using waveguide phase matching techniques are delineated. Coupling techniques for beam/waveguide via end-fire approach are included.

 [Return to main document.](#)