

# Abstracts

## Comparison of Microwave, Millimeter Wave and Optical Techniques for Communications (Abstract)

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*F. Arams. "Comparison of Microwave, Millimeter Wave and Optical Techniques for Communications (Abstract)." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 192-192.*

The properties at millimeter and optical/infrared wavelengths of four key communications system elements will be surveyed. The key elements are: sensitivity of the receiving system, antenna properties, available transmitter power and atmospheric transmission. Fundamental equations, available data, and parameters on realizable systems will be presented and discussed.

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