

Abstracts

Introduction to Guided-Optical-Wave Theory and Techniques (Abstract)

H. Kogelnik. "Introduction to Guided-Optical-Wave Theory and Techniques (Abstract)." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 294-294.

This talk will try to give an introduction to and an overview of the principles and techniques basic to optical guided-wave devices and the ideas of integrated optics. An effort will be made to emphasize the parallels to microwave theory and techniques. The principal characteristics of dielectric waveguides will be discussed along with fabrication requirements and techniques. Current work on couplers and modulators will be described as an illustration of the potential of optical miniature circuits and devices.

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