

# Abstracts

## GaAs and GaAlAs Devices for Integrated Optics

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V. Evtuhov and A. Yariv. "GaAs and GaAlAs Devices for Integrated Optics." 1975 *Transactions on Microwave Theory and Techniques* 23.1 (Jan. 1975 [T-MTT] (Special Issue on Integrated Optics and Optical Waveguides)): 44-57.

The emergence of a monolithic optical circuit technology depends on the availability of materials capable of performing complex electrooptic functions and on the development of new fabrication techniques. The work done on GaAs and its related alloys is reviewed and summarized, and their feasibility for integrated optical circuits is examined.

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