

Abstracts

Far-Infrared-Submillimeter Phased Arrays and Applications

V.J. Corcoran. "Far-Infrared-Submillimeter Phased Arrays and Applications." 1974 *Transactions on Microwave Theory and Techniques* 22. 12 (Dec. 1974, Part I [T-MTT] (Special Issue on the Proceedings of the First International Conference on Submillimeter Waves and Their Applications)): 1103-1107.

The concept of a phased array of far-infrared (FIR) or submillimeter (SMM) waveguide lasers that can be scanned electronically is presented. Grating lobe reduction by computer analysis is shown. Possible applications of SMM arrays are considered.

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