# Abstracts

## Submillimeter Spectroradiometers with n-InSb Detectors

*A.N. Vystavkin, Y.I. Kolesov, V.N. Listvin and A.Y. Smirnov. "Submillimeter Spectroradiometers with n-InSb Detectors." 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)): 1041-1046.*

The optimal characteristics of amplitude splitters for submillimeter radiation beams are determined. Versions of optical schemes with large light gathering power (LGP) utilizing such splitters are proposed. Using them, high sensitivity receiving devices for the 2-0.2-mm waveband region with Fabry-Perot interferometers (FPI) and Michelson interferometers (MI) and n-InSb immersion detectors (spectroradiometers) are constructed.

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