

Abstracts

The Performance of an Amplitude Fourier Spectrometer for Far-Infrared Solid-State Spectroscopy

J. Gast, L. Genzel and U. Zwick. "The Performance of an Amplitude Fourier Spectrometer for Far-Infrared Solid-State Spectroscopy." 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)): 1026-1027.

A far-infrared Fourier interferometer for amplitude-phase reflection spectroscopy on solids is described. It can be used with small samples at low temperatures and with fairly high resolution ($<0.1 \text{ cm}^{-1}$). The spectral range presently is $10-1000 \text{ cm}^{-1}$.

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