

Kolobrodov V.G., Tymchik G.S., NguyenQ.A. The problems of designing coherent spectrum analyzers.

The purpose of this article is to improve methods of calculating generalized characteristics of the coherent spectrum analyzers, which define the device's properties and operation. These are the working range of spatial frequencies, the spatial spectral resolution and the energy resolution. Due to these methods, it is possible to choose optimal dimensions and parameters of components of the device to improve the properties of the last.

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