ENVELOPES OF MULTIBEAM INTERFERENCE SPECTRA IN PLANE-PARALLEL STRUCTURES: SUBSTANTIATION AND BASIC REGULARITIES

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S u m m a r y

The matrix method of consecutive summation of the multibeam interference in single-layered structures has been applied to derive analytical expressions for interference spectrum envelopes in a multilayer system. The expressions obtained are valid for arbitrary incidence angles, wave polarizations, and absorption degrees. The main regularities of those envelopes have been discussed.