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ON SOLVABILITY OF A MIXED PROBLEM FOR A HYPERBOLIC SYSTEM WHEN THE CORRESPONDING SPECTRAL PROBLEM IS ALMOST REGULAR

Abstract

One-dimensional mixed problem for a hyperbolic system under boundary conditions regular by Birkhoff, has been solved in [1] by the Fourier method. The case when the spectral problem is almost regular, is investigated here by Rasulov's residue method [2], and the fact that real parts of its eigen-values may infinitely increase, is of principle.