

ON THE SOLUTION OF THE HOMOGENEOUS LINEAR CONJUGATION PROBLEM WITH SINGULARITIES OF NONINTEGER ORDER

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Abstract:

In this article, we deal with the homogeneous problem of the linear conjugation in the exceptional case (with singularities of noninteger order) on the real axis. A closed-form representation of the solution is obtained, and the problem solvability conditions are described.

Keywords and phrases:

Riemann boundary value problem, problem of linear conjugation.

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