

## ON SOME INVERSE PROBLEMS FOR A LINEARIZED SYSTEM OF HEAT AND MASS TRANSFER

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In the article, we examine well-posedness of the problem on determining the source functions in a linearized system of heat and mass transfer. The overdetermination conditions are the values of concentrations on some surfaces or at separate points of the spatial domain.

*Key words and phrases:* parabolic system, inverse problem, heat and mass transfer, Navier-Stokes system, boundary value problem.

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