MATHEMATICAL MODEL OF THE ATMOSPHERE POLLUTION WITH NON-CLASSIC BOUNDARY CONDITIONS

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(Received: September 15, 1999) Abstract

A regional mathematical model of transporting and dispersion of the atmosphere admisture under non-local boundary conditions is discussed in this article. The new three-dimensional mathematical model with non-local boundary conditions is given. In case of two-dimensional model the existence and uniqueness of the regular solution of the problem is proved.

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