

THE METHOD OF FICTITIOUS AREAS FOR MODELING OF HYPERBOLIC EQUATIONS

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ABSTRACT

In this article we examine the method of fictitious areas for the non-linear hyperbolic equations. The estimation of rate of convergence decisions is received. In some cases the unimproved estimation of convergence rate of the decision is received.

KEYWORDS: Hyperbolic Equation, The Method of Fictitious Areas, Filtration, Boundary Value, Unimproved Estimation