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INVARIANCE PROPERTIES AND ESTIMATING TASK SOLUTION OF BIOLOGICAL POPULATION IN THE TWO-DIMENSIONAL CASE

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ABSTRACT

Considered methods of solving Kolmogorov - Fisher type task of reacting with diffusion, in the two-dimensional case, obtained invariant properties of solutions and two way estimation of the solution. Given are the results of numerical experiments for various values included in the equation parameters, in the two-dimensional case.

KEYWORDS: Invariance properties, nonlinear problems, task solution, biological population

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