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Boundary-value problem for a nonhomogeneous parabolic equation with Orlicz right side

Yu. V. Kozachenko and K. J. Veresh

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Abstract

Conditions for the existence with probability one of the solution of the boundary-value problem for a nonhomogeneous parabolic equation of mathematical physics with random right side and zero initial conditions are found.

Keywords: Boundary value problem; Orlicz space; convergence in probability

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