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STRONG SOLVABILITY OF THE FIRST BOUNDARY VALUE PROBLEM FOR THE SECOND ORDER QUASILINEAR PARABOLIC EQUATIONS

Abstract

In this paper we consider the first boundary value problem for the second order quasilinear parabolic equations of nondivergent structure. The leading part of these equations satisfies the Cordes condition. The strong (almost everywhere) solvability of this problem is established in the corresponding Sobolev space.