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NEUMANN PROBLEM FOR SECOND ORDER  
NONDIVERGENT ELLIPTIC EQUATIONS WITH  
DISCONTINUOUS COEFFICIENTS

Abstract

The second boundary value problem for second order elliptic equations of nondivergent structure with, generally speaking, discontinuous coefficients is considered. It is assumed that the matrix of the principal part of equations satisfies Cordes condition. Strong (almost everywhere) solvability of this problem is established in the corresponding Sobolev space.