

COERCIVE PROPERTIES OF ANISOTROPIC DIFFERENTIAL-OPERATOR EQUATIONS

Abstract

The coercive solvability of boundary value problems for uniformly elliptic equation in bounded domains was considered in different papers.

In the present paper we study some class of differential-operator equations defined in R^n and having different derivatives by different variables it is main part, moreover, in general, with unbounded operator coefficients. The coercive solvability of the present paper in abstract L_p spaces is proved.