

L^p and $W^{2,p}$ -estimates for solutions of elliptic equations in unbounded domains

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We present some recent results concerning the study of the Dirichlet problem for second order linear elliptic partial differential equations in divergence form with discontinuous coefficients in unbounded domains. The main theorem consists in an L^p -a priori bound, $p > 1$. Applications of this bound in the framework of non variational problems, in weighted and no-weighted cases, are also given.

References

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