
A potential estimates approach to a priori estimates for elliptic equations

Sara Monsurrò^{*1}, Maria Transirico¹, and Farman Mamedov²

¹Dipartimento di Matematica - Università di Salerno (DipMat) – via Giovanni Paolo II, 132 84084 Fisciano (SA), Italy

²Mathematics and Mechanics Institute – Nat. Acad. Sci. of Azerbaijan Az1001, 10, Istiglaliyyat str. Baku, Azerbaijan Republic, Azerbaijan

Abstract

Some a priori estimates for the solutions of certain classes of Dirichlet problems associated to non divergence structure elliptic equations will be presented. The bounds are achieved by means of a potential estimate obtained for the solutions of the same kind of problems, but with more regular datum.

^{*}Speaker