



Volume 6, Issue 3, Article 69

$W^{2,2}$ Estimates for Solutions to Non-Uniformly Elliptic PDE'S with Measurable Coefficients

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Keywords: Cordes conditions, Elliptic partial differential equations
Date Received: 14/02/05
Date Accepted: 27/05/05
Subject Codes: 35J15, 35R05
Editors: [Alberto Fiorenza](#),

Abstract: We propose to extend Talenti's estimates on the L^2 norm of the second order derivatives of the solutions of a uniformly elliptic PDE with measurable coefficients satisfying the Cordes condition to the non-uniformly elliptic case.



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