

## AN EXTENSION OF A THEOREM BY C. MIRANDA IN WEIGHTED SPACES

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*Abstract.* This paper is a continuation of [4] and extends the well-known theorem of C. Miranda (*Ann. Mat. Pura Appl.* (4) 61 (1963)) concerning a priori estimates of weak solutions of linear elliptic equations with discontinuous coefficients in a bounded open subset of  $R^n$ . In [4] we derive such estimates in weighted spaces considered over an arbitrary open subset of  $R^n$ . In this paper we obtain the same result replacing a condition on the coefficients by a considerably weaker one.

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