

Marcellini, Paolo

Regularity for elliptic equations with general growth conditions. (English) Zbl 0812.35042
J. Differ. Equations 105, No. 2, 296-333 (1993).

The author studies elliptic equations in divergence form

$D_i(A^i(x, u, Du)) = b(x, u, Du)$, $\partial A / \partial \xi$ satisfies the conditions $a^{ij} \zeta_i \zeta_j \geq g_1(|\xi|)|\zeta|^2$, $|a^{ij}| \leq g_2(|\xi|)$ for some positive functions g_1, g_2 .

Reviewer: [G.M.Lieberman \(Ames\)](#)

MSC:

35J60 Nonlinear elliptic equations
35D10 Regularity of generalized solutions of PDE (MSC2000)

Cited in **1** Review
Cited in **99** Documents

Keywords:

elliptic equations in divergence form; local gradient bound

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