

Essential boundedness of weak solutions to quasilinear elliptic equations with Morrey data

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We will present recent results on global essential boundedness of weak solutions to quasilinear coercive divergence form equations with data belonging to Morrey spaces. The nonlinear terms are given by Caratheodory functions and satisfy controlled growth assumptions. As an application, we get global Hoelder continuity of the solutions to semilinear elliptic equations with measurable coefficients and Morrey data.