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Bounded solutions of Dirichlet problems for degenerate elliptic equations

In this talk I will discuss recent joint results obtained with D. Cruz-Uribe and F. Dal. Specifically, we consider an array of boundedness results for weak solutions of Dirichlet problems of the form $-v^{-1}\operatorname{Div}(Q\nabla u) = f$ under the assumption of a Sobolev inequality whose gain is given on the Orlicz scale. These results will be put in context with classical results by N. Trudinger et al.