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Abstract: Solutions to p -Laplace problems are not, in general, of class C^2 . The study of Sobolev regularity of the second derivatives is, therefore, a crucial issue. An important contribution by Cianchi and Maz'ya shows that, if the source term is in L^2 , then the field $|Du|^{p-2}Du$ is in $W^{1,2}$. The L^2 -regularity of the source term is also a necessary condition. During the speech, we will talk about a strategy based on Fermi coordinate in order to get optimal regularity of the solutions up to the boundary.