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**NONTRIVIAL SOLUTIONS OF p -SUPERLINEAR p -LAPLACIAN
PROBLEMS VIA A COHOMOLOGICAL LOCAL SPLITTING**

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ABSTRACT. We consider a quasilinear equation, involving the p -Laplace operator, with a p -superlinear nonlinearity. We prove the existence of a nontrivial solution, also when there is no mountain pass geometry, without imposing a global sign condition. Techniques of Morse theory are employed.