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**Nikolaos S. Papageorgiou\*** ([npapg@math.ntua.gr](mailto:npapg@math.ntua.gr)), Department of Mathematics, National Technical University, Athens. *Existence of multiple solutions of nonlinear elliptic equations driven by the  $p$ -Laplacian.*

We consider nonlinear equations driven by the  $p$ -Laplacian. Using variational techniques together with the method of upper-lower solutions, we establish the existence of multiple solutions of constant sign and of nodal solutions. (Received October 06, 2006)