

QUASILINEAR ELLIPTIC PROBLEMS WITH CONCAVE-CONVEX NONLINEARITIES.

Claudiney Goulart - UFG/Jatai.

It is establish existence and multiplicity of solutions for a quasilinear elliptic problem driven by p -Laplacian operator. These solutions are also built as ground state solutions using the Nehari method. The main difficult arises from the fact that p -Laplacian operator is not homogeneous and the nonlinear term is indefinite.