

Multiple positive solutions for some semilinear or quasilinear elliptic problems

Jean-Pierre Gossez
Université Libre de Bruxelles, Belgium

Abstract. We consider a family of elliptic problems which are locally superlinear at infinity and locally sublinear at zero. A typical example is the well-known convex-concave nonlinearity, however here with coefficients which may vanish or change sign. The laplacian as well as the p -laplacian case will be considered.