

Existence of multiple solutions for certain classes of nonlinear anisotropic problems

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Abstract: The aim of this talk is to present existence and multiplicity results for certain classes of anisotropic Laplacian problems with Dirichlet boundary conditions. Our findings include two nontrivial weak solutions, proven both with and without relying on the Ambrosetti-Rabinowitz condition. Moreover, we highlight the existence of three solutions for a specific type of anisotropic Laplacian problem.