Quasilinear elliptic systems with convex-concave singular terms $\Phi-Laplacian$ operator

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Resumo

This work deals with existence of positive solutions for a class of quasilinear elliptic systems involving the Φ-Laplacian operator and convex-concave singular terms. Our approach is based on the generalized Galerkin Method along with perturbartion techniques and comparison arguments in the setting of Orlicz-Sobolev spaces.

Referências

[1] Goncalves, J. V., Carvalho, M. L. M., Santos, C. A. P., *Quasilinear elliptic systems with convex-concave singular terms* $\Phi-Laplacian$ *operator*, arxiv.org/pdf/1610.02718v1.pdf.