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INFINITELY MANY PERIODIC SOLUTIONS FOR ANISOTROPIC Φ–LAPLACIAN SYSTEMS

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Abstract. In this paper, we study existence of periodic solutions for an anisotropic differential operator via the minimax methods in critical point theory. Concretely, we consider a Φ-Laplacian operator and we extend and generalize known results obtained in the isotropic setting given by a p-Laplacian system. Moreover, our results when applied to p-Laplacian system improve the ones known in the literature nowadays.

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