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***Title:** "Isolation of positive solutions of the sublinear Lane Emden equation"*

***Abstract:** We show that the positive least energy solution of the Lane-Emden equation with sublinear growth on any smooth bounded open set, under homogeneous Dirichlet conditions at the boundary, is isolated (with respect to  $L^1$  topology). As a consequence, we deduce a spectral gap for a semilinear eigenvalue problem related to the Dirichlet-Laplacian"*

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