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**Jose Caicedo** and **Alfonso Castro\*** ([castro@g.hmc.edu](mailto:castro@g.hmc.edu)), Department of Mathematics, Harvey Mudd College, Claremont, CA 91711, and **Victor Ardila**. *Singular solutions for superlinear elliptic equations.*

We show the existence of uncountably many radial singular solutions for superlinear elliptic boundary value problems including subcritical, sub-super critical, and jumping nonlinearities. The set of such solutions is unbounded. Note that in the case of jumping nonlinearities this set is compact. (Received September 24, 2012)