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K.D. Chu, D.D. Hai and **Ratnasingham Shivaji*** (r_shivaj@uncg.edu), Dept of Mathematics & Statistics, University of North Carolina at Greensboro, 116 Petty, 317 College Ave, Greensboro, NC 27412. *A uniqueness result for infinite semipositone p -Laplacian problems in a ball.*

We prove uniqueness of positive radial solutions to a class of singular p -Laplacian equations in a ball with Dirichlet boundary condition when a parameter is large. The reaction term exhibits infinite semipositone structure at zero and is not necessarily increasing or concave on $(0, \infty)$. (Received September 14, 2020)