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**Thomas Bieske\*** ([tbieske@usf.edu](mailto:tbieske@usf.edu)), 4202 E. Fowler Ave, PHY 114, Tampa, FL 33620. *The Carnot-Caratheodory distance and the  $p$ -Laplace equation.*

We explore the relationship between geodesics in the Carnot-Caratheodory metric and viscosity solutions to the  $p$ -Laplace equation. (Received June 23, 2011)