

1148-35-65

**Diego Ricciotti\*** ([ricciotti@usf.edu](mailto:ricciotti@usf.edu)), 4202 East Fowler Ave, University of South Florida,  
Tampa, FL 33620. *Random walks and tug-of-war games in the Heisenberg group.*

We study random walks and stochastic tug-of-war games in the Heisenberg group and their connection to asymptotic mean value properties and viscosity solutions of the  $p$ -Laplace equation (Received January 23, 2019)