

998-42-168

**Jorge Rivera-Noriega\*** ([rnoriega@math.uiuc.edu](mailto:rnoriega@math.uiuc.edu)). *Extensions of a theorem of B. Dahlberg.*

Extensions of a result of B. Dahlberg on approximation of harmonic functions has been applied recently to prove results on potential theory and estimates for the area function. We will sketch these extensions and applications. (Received February 24, 2004)