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([nages@math.uc.edu](mailto:nages@math.uc.edu)), Department of Mathematical Sciences, P.O.Box 210025, University of Cincinnati, Cincinnati, OH 45221-0025, and **Xiao Zhong**. *Boundary Harnack principle and decay estimates for  $p$ -harmonic functions.*

We will outline the proof of decay estimates for positive (non-linear) $p$ -harmonic functions on smooth Euclidean domains vanishing in a portion of the boundary; these estimates imply the boundary Harnack principle for the  $p$ -Laplace operator. (Received September 05, 2006)