1022-31-38   **Hiroaki Aikawa**, **Tero Kilpelainen** and **Nageswari Shanmugalingam***
(`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)