1020-31-58   **John L Lewis*** (`john@ms.uky.edu`), Mathematics Department, 7th Floor Patterson Office Tower, University of Kentucky, Lexington, KY 40506, and **Kaj Nystrom** (`kaj.nystrom@math.umu.se`), Umea, Sweden. *On a boundary Harnack inequality for p harmonic functions.*

In this talk we outline the proof of a boundary Harnack inequality for the ratio of two positive p harmonic functions vanishing on a portion of a Lipschitz domain in Euclidean n space when $1 < p < \infty$. Applications of this boundary Harnack inequality will also be discussed. (Received August 09, 2006)

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