# Estimating Densities from Peripatetic Functionalities

**Marvin Skimbottle**
School for Computational Science
Florida State University
Tallahassee, FL, 32306
email: skimbottle@scs.fsu.edu

## ABSTRACT

Grubble, Flink and Switchcomb have demonstrated the feasibility of the double switchback approach to cumulated density estimation in cases where the peripatetic functionality has bounded vacillation. So far, though, the unbounded case remains an open problem. In this paper, we demonstrate the equivalence of the unbounded case to a fairly simple children's game, and show how the game may be solved using standard two-player strategies. The result may have implications for the discontinuum hypothesis.