

Department of Applied Mathematics and Statistics
The Johns Hopkins University

STUDENT SEMINAR

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Friday, October 22, 2004
304 Whitehead Hall
12:00 noon

A SURVEY OF SUBADDITIVE PROCESSES

ABSTRACT

We introduce subadditive processes and their application to the class cover catch digraphs (CCCD) problem driven by pattern classification. We discuss one-dimensional and higher-dimensional subadditive processes and present strong laws of large numbers (SLLNs) for them. We provide an example applying the SLLN for multidimensional subadditive processes.