



The University of Chicago
Department of Statistics
Bahadur Memorial Lectures

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Suggestive Statistics and Texture Analysis

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133 Eckhart Hall, 5734 S. University Avenue
Refreshments will be served in Eckhart 110.

ABSTRACT

Texture analysis is part of the general development and study of methods by which computers can approximate the performance of humans and other animals in distinguishing visually between different aspects of their surroundings. In this, as in many other fields of science and engineering, statistics plays a different role than in its classical validatory applications such as in surveys, agriculture, clinical trials, and reliability, or in its exploratory “data mining” aspects. A general view of “suggestive” statistics will be given and how it operates in the context of some specific problems in texture classification and synthesis.