

For favour of posting

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

Seminar

Professor Nozer D. SINGPURWALLA

Department of Systems Engineering and Engineering Management
and
Department of Management Science
City University of Hong Kong

will give a talk

entitled

A NEW MEASURE OF CONCENTRATION

Abstract

In this talk we introduce a new measure of concentration, articulate its anatomy, and point its usefulness for a stochastic characterizing of probability distributions.

A motivation of our work is Shaked and Shantikumar's notion of *excess wealth*, as a way to define a location independent variability order. Much has been written on it, in the literatures in reliability and applied probability. Since the term excess wealth connotes a measure of income inequality, it should have had an impact on the economics and the econometric literatures, just like the Gini Index. This happens not to be the case. The measure introduced by us may rectify this disconnect and as a bonus characterize distributions with monotone hazard rates.

on

Wednesday, March 25, 2015

(Refreshments will be served from 2:15 p.m. outside Room 301 Run Run Shaw Building)

2:30 p.m. – 3:30 p.m.

at

Room 301, Run Run Shaw Building

Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 3917 2466 for parking arrangement.

All interested are welcome