DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

Seminar

Professor Bikas K. SINHA

Retired Professor
ISI, Kolkata
INDIA

will give a talk

entitled

THE SUDOKU FAMILY OF PUZZLES:
A COMBINATORIAL MARVEL

Abstract

• SuDoKu is an interesting combinatorial structure embedded within a Latin Square. It has been gaining popularity as a combinatorial puzzle. Website provides plenty of examples of such SuDoKus.

• SuDoKu is a game with incremental intelligence and is gaining popularity in many countries of Asia, Europe, and America. Its most common pattern is to fill the digits 1 through 9 into a square with 9 rows by 9 columns and subdivided 9 boxes, so that each digit appears once, and only once, in every row, column, and box.

• Recently statisticians are examining the possibility of using SuDoKus as 'experimental designs' – going beyond the Latin Square Designs.

• In this technical talk, I will focus on both combinatorial and analysis aspects of SuDoKus in general terms.

on

Wednesday, November 4, 2015

(Refreshments will be served from 3:45 p.m. outside Room 301 Run Run Shaw Building)

4:00 p.m. – 5:00 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