



The Chinese University of Hong Kong
Department of Statistics

Seminar

THREE CENTURIES OF THE CHEBYSHEV'S INEQUALITY

By

Professor Nikolay V. Sokolov
Saint Tikhon's Orthodox University
Moscow, Russia

Abstract

In this talk we will present an improvement of the Chebyshev's inequality and Kolmogorov's estimation and generalize Chebyshev's, Kolmogorov's and Prochorov's inequalities to multi-dimensional variables. Statistical applications to South Chinese Sea, some environmental problems, nanotechnology and mechanics will also be discussed.

Date: October 23, 2015 (Friday)

Time: 2:00 p.m. - 3:00 p.m.

Place: William M W Mong Engineering Building (ERB) - Room 404
The Chinese University of Hong Kong