The Hong Kong University of Science and Technology
Department of Mathematics

Seminar on Pure Mathematics

A New quantum Probability Distribution With Applications

By

Prof. Wang Mingjin
Changzhou University

Abstract
In this talk, we introduce a new probability distribution, which is useful in the study of basic hypergeometric series. As applications of the distribution, we give probabilistic derivations of the $q$-binomial theorem, the $q$-Gauss' summation formula and a new multiple identity.

Date: Wednesday, 14 Nov. 2018
Time: 3:00p.m.-4:00p.m.
Venue: Room 3472, Academic Building
(Lifts 25 & 26), HKUST

All are welcome!