

Tuesday COLLOQUIUM

q-binomial theorem

BY Prof. S. Krishnan, IIT, Bombay

A not-well-known generalization of the binomial theorem is the q-binomial theorem. This result finds many applications in various areas of enumerative combinatorics like q-series enumeration of permutations with respect to statistics and counting vector subspaces of finite-dimensional vector spaces over a finite field.

Prof. Krishnan completed his PhD at TIFR in Theoretical Computer Science in 2004 and did his post-doctoral work at Kiel, Germany from 2006-2008. He is currently a member of the Department of Mathematics, IIT Bombay. His main research interests are in Enumerative Combinatorics and in Algebraic Graph Theory.

TUESDAY, 20TH SEPTEMBER AT 1545 HRS.

Seminar Room, PF AG 14
Near Annabhau Sathe Bhavan
University of Mumbai, Kalina