

Title: Congruence Borel Orbits of Symmetric Matrices - A Combinatorial Approach

Speaker: Eli Bagno, Bar-Ilan University

Abstract: We deal with orbits of a congruence action of Borel matrices on the algebra of symmetric matrices. We present a natural order on these orbits and compute the rank function of the corresponding poset, using permutation statistics such as the excedence number and the number of inversions.