ID de Contribution: **26**   Type: **Non spécifié**

On Manin-Schechtman Orders Related to Directed Graphs

mercredi 15 novembre 2023 12:05 (45 minutes)

Studying higher Zamolodchikov equations, in 1989 Manin and Schechtman introduced the notion of a higher Bruhat order on the d-element subsets of a set $[n] = 1, 2, ..., n$. We consider a wider model, involving the so-called convex order on certain path systems in an acyclic-directed graph, introduce local transformations, or flips, on such orders, and establish a generalization of the Manin-Schechtman results. This is a joint work with V. Danilov and A. Karzanov.

Orateur: Prof. KOSHEVOY, Gleb (IITP, Moscow & IHES)