

”Combinatorics of infinite Jeu de Taquin (”15”)
and random Young tableaux: interrelation of
combinatorics and probability”

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1.Regular Enumeration of the set of points of locally finite posets. and central probability measures on the corresponding distributive lattices.

Example: $D = \mathbb{Z}_+^2$, Hasse diagram is the Young graph and central measures. Theorem by VK-SL ('77) about limit shape

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4. Problem: dimension in combinatorics. How to extend these results on the general lattices \mathbb{Z}_+^d ? Does there exist the generalization of RSK?