

Speaker: Anand Deopurkar (Australian National University)

Title: Combinatorics and dynamics of Harder–Narasimhan filtrations

Time: June 7 (Tu.), 1:30-2:30pm (Beijing time)

Venue: Zoom Meeting 984 962 1397 (no password required)

Abstract: How does an object of a triangulated category evolve when we apply an auto-equivalence? I will make this question precise using a Bridgeland stability condition. For some categories, I will describe how the answer to this question relates to combinatorial geometry of points on the plane.