



ID de Contribution: 14

Type: Non spécifié

Last passage percolation in a strip

lundi 24 juin 2024 15:15 (30 minutes)

I will present a method for computing the stationary measures of integrable probabilistic systems with boundaries. We will focus on the case of a model called last passage percolation, where the stationary measure can be determined with the help of variants of the Cauchy and Littlewood summation identities for Schur symmetric functions. The method works as well for other models and their associated families of symmetric functions, such as Whittaker functions or Hall-Littlewood polynomials. We will also discuss connections with the traditional approach for computing stationary measures of interacting particle systems between boundary reservoirs: the matrix product ansatz.

Orateur: BARRAQUAND, Guillaume (LPENS, CNRS/École normale supérieure)