1151-60-268 Konstantin Matveev* (kosmatveev@gmail.com), 110 Frelinghuysen Rd, Piscataway, NJ 08854. Stochastic six-vertex model and Positivism.

Certain quantities related to stochastic six-vertex model turn out to be always positive without any a priori reason. How to prove and explain such a phenomenon? I will talk about this plot and its connections to Robinson-Schensted-Knuth correspondence and symmetric Hall-Littlewood polynomials. (Received August 20, 2019)