

1018-05-227

Nicolai Reshetikhin* (reshetik@math.berkeley.edu), Department of Mathematics, University of California, Berkeley, CA 94720-3840. *On Cylindric partitions*. Preliminary report.

Periodic Schur process on cylindric partitions was studied in a recent work of A. Borodin. We show that the shift-mixed periodic Schur process is described by traces of vertex operators and present some generalizations. (Received March 07, 2006)