

VIRTUAL EAST-WEST SCV SEMINAR

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RANDOM WALKS ON $SL_2(\mathbb{C})$

We consider products of N 2×2 matrices randomly chosen. The aim of the theory is to study statistical properties of these products when N goes to infinity. By introducing a new method using complex analysis, we prove several equidistribution properties and limit theorems. This is a joint work with Lucas Kaufmann and Wu Hao.
