



istanbul matematiksel bilimler merkezi  
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# ADDING NUMBERS AND SHUFFLING CARDS

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## Abstract

When numbers are added in the usual way “carries” occur. It turns out that the carries form a Markov Chain with an “amazing” transition matrix. This matrix is related to lots of things (group cohomology, algebraic geometry, fractals), in particular, it has a sharp relation to the usual way that we shuffle cards. This is based on joint work with Jason Fulman.

**Date :** Friday, March 7, 2014

**Time:** 11:00

**Place:** IMBM Seminar Room, Boğaziçi University South Campus