

“Group Theory International” Online Seminar

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“An introduction to sofic structures”

Thursday, October 2, 1:30pm (New York Time)

Abstract:

I'll aim to give a gentle introduction to soficity, a notion which has attracted a great deal of attention over the past fifteen years, ever since Gromov defined sofic groups in 1999. The notion of soficity has by now been generalized to many other structures, among them unimodular random graphs, discrete measured equivalence relations, groupoids, and monoids. I'll try to present the varying definitions within a common framework of ideas, discuss key results and open problems, and, time permitting, mention some ongoing research concerning sofic semigroups.

Next presentation: Oct 16, Nicholas Touikan *(Stevens Institute of Technology)*