

*Department of Mathematics,
University of California San Diego*

Group Actions Seminar

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UCLA

Sofic entropy and the (relative) f-invariant

Abstract:

In this talk I will explain an interpretation (due to Lewis Bowen) of the f-invariant as a variant of sofic entropy: it is the exponential growth rate of the expected number of “good models” for an action over a random sofic approximation. I will then introduce the relative f-invariant and provide a similar interpretation of this quantity. This provides a formula for the growth rate of the expected number of good models over a type of stochastic block model.

Host: Brandon Seward

Tuesday, November 24, 2020

10:00 AM

Zoom ID 967 4109 3409 (email Brandon Seward or Nattalie Tamam for the password)
