Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Seminar

Representation stability and moduli spaces

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Abstract

A sequence of spaces is said to be representation stable if their cohomology, when viewed as representations of their own symmetry, stabilises. Introduced by Church and Farb, representation stability is ubiquitous among various kinds of moduli spaces with permutation symmetry. In this talk I will explain this notion and discuss its appearance in our recent work in progress on moduli spaces of flat connections over higher dimensional tori.

Date: 20 July 2017 (Thursday)
Time: 2:00pm – 3:00pm
Venue: Room 222, Lady Shaw Building
              The Chinese University of Hong Kong, Shatin

All are Welcome