Du
10
OCT.
2022

14h00
-
15h00

SÉMINAIRE D'ALGÈBRE

Greg Muller : Juggler's friezes

Zoom

INSCRIPTION

Frieze patterns are infinite strips of numbers satisfying certain determinantal identities. Originally motivated by Gauss' "miraculous pentagram" identities, these patterns have since been connected to triangulations, integrable systems, representation theory, and cluster algebras. In this talk, we will review a few characterizations and constructions of frieze patterns, as well as a generalization which allows friezes with a "ragged edge" described by a juggling function. These "juggler's friezes" correspond to special points in positroid varieties, in direct analogy with how classical friezes correspond to special points in Grassmannians.

INSTITUT HENRI POINCARÉ - UAR839

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

HORAIRES

L'institut :
• lundi au vendredi de 8h30 à 18h,
• fermé les jours fériés.

Le musée - Maison Poincaré :
• lundi, mardi, jeudi et vendredi
de 9h30 à 17h30,
• samedi de 10h à 18h,
• fermé le mercredi et le dimanche.