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Seminar

Veering triangulations and pseudo-Anosov flows: An overview

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Abstract

Pseudo-Anosov flows are a type of flows on 3-manifolds that are studied by Thurston and others, with many interesting connections to various aspects of low-dimensional topology. Recently, it has been shown that pseudo-Anosov flows can be encoded by a type of combinatorial object called a veering triangulation. This has the significance of allowing one to study flows as discrete objects. In this talk, we will provide some background of pseudo-Anosov flows, explain the theory of veering triangulations, outline some applications, and mention some future directions of study.

Date: 5 June 2023 (Monday)
Time: 2:30pm – 4:00pm (Hong Kong Time)
Venue: Room 222, LSB

All are Welcome