

Singularities and flow completeness of infinite type translation surfaces

jeudi 13 février 2025 15:00 (50 minutes)

Translation surfaces are (very) particular type of affine surfaces where transition maps are translations. Though, any affine surface admits a cover which is a translation surface (possibly of infinite type). The goal of my talk is to introduce a metric invariant for singularities of infinite type translation surfaces due to Bowman-Valdez and explain how it is related to the completeness of the translation flow.

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