Computer-assisted proofs, proof assistants and visualization in dynamical systems



Contribution ID: 13 Type: not specified

Formalizing topological entropy in Lean

Friday, 21 June 2024 10:10 (50 minutes)

I will present a project to formalize some elements of topological dynamics in Lean, and its current advancement. A special emphasis will be given to many design decisions, and how they arise from the interaction between a well-established mathematical theory and a proof assistant.

Presenter: THOMINE, Damien (Université Paris-Saclay)