

Exodromy for ℓ -adic Sheaves (2/3)

mercredi 8 juillet 2020 16:30 (1 heure)

In joint work with Saul Glasman and Peter Haine, we proved that the derived ∞ -category of constructible ℓ -adic sheaves is the ∞ -category of continuous functors from an explicitly defined 1-category to the ∞ -category of perfect complexes over \mathbb{Q}_ℓ . In this series of talks, I want to offer some historical context for these ideas and to explain some of the technologies that go into both the statement and the proof. If time permits, I will also discuss newer work that aims to expand the scope of these results.

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