

Crystallinity Properties and Rigid Flat Connections Revisited

lundi 9 octobre 2023 10:00 (1 heure)

We generalise a theorem on the existence of Frobenius isocrystal and Fontaine-Laffaille module structures on rigid flat connections to the non-proper setting. The proof is based on a new strategy of a point-set topological flavour, which allows us to produce a purely p -adic statement and thereby to avoid complex-analytic methods.

Joint with Michael Groechenig.

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