
Yves André, and the torsor of Poincaré

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Résumé

I will present 2 applications of the Poincaré torsor in areas that interest Yves André. The first is that of the André-Oort and more generally Pink-Zilber conjectures for complex mixed Shimura varieties. The second, partially p -adic, is the geometric version of the quadratic Chabauty method for finding all rational points on a curve of genus at least 2.

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