

1172-11-197

Adrian Iovita and **Jackson S. Morrow***, jacksonmorrow@berkeley.edu, and **Alexandru Zaharescu**. *On p -adic uniformization of abelian varieties with good reduction.*

Investigating the p -adic integration map constructed by J.-M. Fontaine during the 90's, which is the main tool for proving the Hodge–Tate decomposition of the Tate module of an abelian variety over a p -adic field, we realized that the group of p -adic points of the above-named abelian variety, satisfying certain hypothesis, has a type of p -adic uniformization which was not remarked before. This is joint work with A. Iovita and A. Zaharescu (Received August 27, 2021)