



Universität
Basel

Research Project

Torsion points with multiplicatively dependent coordinates

Project funded by own resources

Project title Torsion points with multiplicatively dependent coordinates

Principal Investigator(s) [Barroero, Fabrizio](#) ;

Organisation / Research unit

Faculty of Science

Departement Mathematik und Informatik

Departement Mathematik und Informatik / Mathematik

Departement Mathematik und Informatik / Zahlentheorie (Habegger)

Project start 01.10.2017

Probable end 31.01.2019

Status Completed

We plan to effectively prove that, given a fixed elliptic curve defined over the rational numbers, this has at most finitely many torsion points that have multiplicatively dependent coordinates.

Collaboration with Min Sha (UNSW, Australia)

Financed by the SNF project "Diophantine Problems, o-Minimality, and Heights" (3490239)

Financed by

University funds

Other funds

Follow-up Project of... [3490239 Diophantine Problems, o-Minimality, and Heights](#)

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