

Publication and citation list

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Preprints

19. Algorithmic applications of the corestriction of central simple algebras (jt. with Tímea Csahók and Péter Kutas), submitted, arXiv:2007.06981

To appear

18. On Kuznetsov-Bykovskii's formula of counting prime geodesics (jt. with Giacomo Cherubini and Han Wu), to appear in *Math. Zeitschrift* (2021), DOI: 10.1007/s00209-021-02808-5, arXiv:1901.03824

Publications

17. Multivariable (φ, Γ) -modules and Representations of Products of Galois Groups: The Case of Imperfect Residue Field (jt. with Jishnu Ray and Feng Wei), *Bull. Soc. Math. France* **149**(3) (2021), 521–546.
16. Drinfeld's lemma for perfectoid spaces and overconvergence of multivariate (φ, Γ) -modules (jt. with Annie Carter and Kiran S. Kedlaya), *Doc. Math.* **26** (2021), 1329–1393.
15. Cohomology and overconvergence for representations of powers of Galois groups (jt. with Aprameyo Pal), *J. Inst. Math. Jussieu* **20**(2) (2021), 361–421.
14. Estimating the greatest common divisor of the value of two polynomials (jt. with Péter E. Frenkel), *Int. Journal of Number Theory* **14**(9) (2018), 2543–2554.
13. The p -adic Hodge decomposition according to Beilinson (jt. with T. Szamuely), in *Algebraic Geometry: Salt Lake City 2015*, Proceedings of Symposia in Pure Mathematics **97** (2018), AMS, Providence, part 2, 495–572.
12. Multivariable (φ, Γ) -modules and products of Galois groups, *Math. Research Letters* **25**(2) (2018), 687–721.
11. Multivariable (φ, Γ) -modules and smooth \mathfrak{o} -torsion representations, *Selecta Mathematica* **24**(2) (2018), 935–995.
10. Links between generalized Montréal functors (jt. with M. Erdélyi), *Math. Zeitschrift* **286**(3–4) (2017), 1227–1275.
9. On twists of modules over noncommutative Iwasawa algebras (jt. with S. Jha and T. Ochiai), *Algebra & Number Theory* **10**(3) (2016), 685–694.

8. Algebraic functional equations and completely faithful Selmer groups (joint with T. Backhausz), *Int. Journal of Number Theory* **11**(4) (2015), 1233–1257.
7. From étale P_+ -representations to G -equivariant sheaves on G/P (joint with P. Schneider and M.-F. Vigneras), in: *Automorphic Forms and Galois Representations*, Volume 2, LMS Lecture Note Series **415** (2014), 248–366.
6. (φ, Γ) -modules over noncommutative overconvergent and Robba rings, *Algebra & Number Theory* **8**(1) (2014), 191–242.
5. Generalized Robba rings, (with an appendix by P. Schneider), *Israel J. Math.* **191**(2) (2012), 817–887.
4. Exactness of the reduction on étale modules, *Journal of Algebra* **331** (2011), 400–415.
3. Pairings and functional equations over the GL_2 -extension, *Proc. London Math. Soc.* (2010) **101** (3), 893–930.
2. Characteristic elements, pairings and functional equations over the false Tate curve extension, *Math. Proc. Camb. Phil. Soc.* **144** (2008), no. 3, 535–574.
1. On irregularities in the graph of generalized divisor functions, *Acta Arithmetica* **110** (2003), no. 2, 165–171.

Independent citations

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