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Publication list

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RESEARCH ARTICLES

○ THE SPECTRUM OF ARTIN MOTIVES
  with Paul Balmer
  Transactions of the Americal Mathematical Society (to appear)
  Preprint available at arXiv:2401.02722

○ THE TT-GEOMETRY OF PERMUTATION MODULES. PART 2: TWISTED COHOMOLOGY
  with Paul Balmer
  Preprint available at arXiv:2307.04398

○ MOTIVIC MONODROMY AND p-ADIC COHOMOLOGY THEORIES
  with Federico Binda, Alberto Vezzani
  Journal of the European Mathematical Society (to appear)
  Preprint available at arXiv:2306.05099

○ EXPONENTIATION OF COEFFICIENT SYSTEMS AND EXPONENTIAL MOTIVES
  with Simon Pepin Lehalleur
  Preprint available at arXiv:2211.17247

○ THE TT-GEOMETRY OF PERMUTATION MODULES. PART 1: STRATIFICATION
  with Paul Balmer
  Preprint available at arXiv:2210.08311

○ SUPPORTS FOR CONSTRUCTIBLE SYSTEMS
  Documenta Mathematica 27 (2022), p. 1739–1772
  doi:10.25537/dm.2022v27.1739-1772

○ THE SIX-FUNCTOR FORMALISM FOR RIGID ANALYTIC MOTIVES
  with Joseph Ayoub, Alberto Vezzani
  Forum of Mathematics, Sigma 10 (2022), p. 1–182
  doi:10.1017/fms.2022.55

○ THE UNIVERSAL SIX-FUNCTOR FORMALISM
  with Brad Drew
  Annals of K-theory 7:4 (2022), p. 599–649

○ PERMUTATION MODULES AND COHOMOLOGICAL SINGULARITY
  with Paul Balmer
  Commentarii Mathematici Helvetici 97:3 (2022), p. 413–430

○ FINITE PERMUTATION RESOLUTIONS
  with Paul Balmer
  Duke Mathematical Journal 172:2 (2023), p. 201–229

○ A NOTE ON TANNAKIAN CATEGORIES AND MIXED MOTIVES
  Bulletin of the London Mathematical Society 53 (2021), p. 119–129

○ THREE REAL ARTIN-TATE MOTIVES
  with Paul Balmer
  Advances in Mathematics 406 (2022), p. 1–68

○ TT-GEOMETRY OF TATE MOTIVES OVER ALGEBRAICALLY CLOSED FIELDS
  Compositio Mathematica 155 (2019), p. 1888–1923

○ TENSOR TRIANGULAR GEOMETRY OF FILTERED MODULES
  Algebra and Number Theory 12 (2018), p. 1975–2003

○ AN ISOMORPHISM OF MOTIVIC GALOIS GROUPS
  with Utsav Choudhury
  Advances in Mathematics 313 (2017), p. 470–536

○ HOMOTOPY THEORY OF DG SHEAVES
  with Utsav Choudhury
  Communications in Algebra 47 (2019), p. 3202–28

○ Traces in monoidal derivators, and homotopy colimits
   Advances in Mathematics 261 (2014), p. 26–84
   doi:10.1016/j.aim.2014.03.029

Lecture notes, surveys

○ An introduction to six-functor formalisms
   Motivic Geometry (Proceedings) (to appear)
   Preprint available at arXiv:2112.10456

○ Permutation modules, Mackey functors, and Artin motives
   with Paul Balmer
   Representations of Algebras and Related Structures, Proceedings of
   ICRA2020, EMS Press, p. 37–75
   doi:10.4171/ECR/19/3

Other documents

○ Statistical mechanics of kinks on a gliding screw dislocation
   with Boleininger, Dudarev, Swinburne, Mason, Perez
   Physical Review Research 2 (2020)
   doi:10.1103/PhysRevResearch.2.043254

○ Traces, homotopy theory, and motivic Galois groups
   PhD thesis, available at warwick.ac.uk/mgallauer
   doi:10.5167/uzh-121466

○ The Lefschetz-Verdier trace formula and a generalization of a theorem
   of Fujiwara
   following Varshavsky
   MSc thesis, available at warwick.ac.uk/mgallauer

○ Beweise und mathematisches Wissen (Proofs and mathematical knowledge)
   MA thesis, available at warwick.ac.uk/mgallauer

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