

Andrew Baker: Publications and Preprints

[10/10/2017]

PHD THESIS

Some Geometric Filtrations on Bordism Groups, (University of Manchester, 1980; supervisor J. N. Ray).

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- (9) A. Baker, N. Ray & L. Schwartz, Hypersurfaces framées et l'élément β_1 , *Can. Math. Bull.* **30** (1987), 215–22.
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- (16) A. Baker, On the homotopy type of the spectrum representing elliptic cohomology, *Proc. Amer. Math. Soc.* **107** (1989), 537–48.
- (17) A. Baker & F. Clarke, N. Ray & L. Schwartz, On the Kummer congruences and the stable homotopy of BU , *Trans. Amer. Math. Soc.* **316** (1989), 385–432.
- (18) A. Baker, Hecke operators as operations in elliptic cohomology, *J. Pure and Applied Alg.* **63** (1990), 1–11.
- (19) A. Baker, Exotic multiplications on Morava K -theories and their liftings, *Astérisque* **191** (1990), 35–43.

- (20) A. Baker, A_∞ structures on some spectra related to Morava K -theory, *Quart. J. Math. Oxf.* (2), **42** (1991), 403–419.
- (21) A. Baker & U. Würigler, Bockstein operations in Morava K -theory, *Forum Math.* **3** (1991), 543–60.
- (22) A. Baker, Some chromatic phenomena in the homotopy of MSp , in ‘Adams Memorial Symposium on Algebraic Topology, Vol. 2’, Ed. N. Ray & G. Walker, London Mathematical Society Lecture Note Series **175** (1992), 263–280.
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- (57) A. Baker, Characteristics for E_∞ ring spectra. To appear in *Contemp. Math.*; preprint [arXiv:1405.3695](#);

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- (2) A. Baker & J. Morava, MSp localised away from 2 and odd formal group laws, Glasgow University Mathematics Department preprint 93/55; [arXiv:1403.2596](#).
- (3) A. Baker, Some calculations with Milnor hypersurfaces and an application to Ginzburg’s symplectic bordism ring, Glasgow University Mathematics Department preprint 94/54.
- (4) A. Baker, Differential equations in divided power algebras, recurrence relations and formal groups, Glasgow University Mathematics Department preprint 95/19.

- (5) A. Baker, Isogenies of supersingular elliptic curves over finite fields and operations in elliptic cohomology, Glasgow University Mathematics Department preprint 98/39, arXiv:0712.2052.
- (6) A. Baker, Profinite groupoids and their cohomology, Glasgow University Mathematics Department preprint 99/33.
- (7) A. Baker & C. B. Thomas, Classifying spaces, Virasoro equivariant bundles, elliptic cohomology and Moonshine, Glasgow University Mathematics Department preprint 99/39.
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- (13) A. Baker, Power operations in K -theory completed at a prime (submitted to Pac. J. Math.). arXiv:1406.5620.
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