

## Wayne Aitken: Publication and Preprints

- W. Aitken, F. Hajir, C. Maier, “Finitely Ramified Iterated Extensions”, (Mathematics ArXiv article math.NT/0408170. <http://front.math.ucdavis.edu/math.NT/0408170>)
- W. Aitken, J. A. Barrett, “Abstraction in algorithmic logic”. Preprint.
- W. Aitken, J. A. Barrett, “Stability and paradox in algorithmic logic”. Preprint.
- W. Aitken, F. Lemmermeyer, “Conics, cubics, and quartics”. Preprint.
- W. Aitken, J. A. Barrett, “Computer Implication and Curry’s Paradox”, *Journal of Philosophical Logic* **33** (2004) 631-637, 2004.
- W. Aitken, M. Fried, L. Holt, “Davenport Pairs over Finite Fields”. *Pacific Journal of Mathematic* **216** (2004), 1-38.
- W. Aitken, M. Fried, L. Holt, “Davenport Pairs over Finite Fields”. Mathematics Science Research Institute Preprint No. 2001-042. (2001) [early version of the above]
- W. Aitken, “An Explicit Sign Formulas for the Determinant of Cohomology”, *Communications in Algebra*, **27** (1999), no. 2, 703-723.
- W. Aitken, “Total Relative Displacement of Permutations”, *Journal of Combinatorial Theory A*, **87** (1999), no. 1, 1-21.
- W. Aitken, “On Value Sets of Polynomials over a Finite Field”, *Finite Fields and Applications*, **4** (1998), no. 4, 441--449.
- E. Okamoto, W. Aitken, G. R. Blakley, "Algebraic properties of permutation polynomials", *IEICE Transactions on Fundamentals of Electronics, Communications, and Computer Science* (special issue dedicated to discrete mathematics and its applications), Vol. E79-A, No. 4, April 1996, pp. 494-501.
- W. Aitken, “An arithmetic Riemann-Roch theorem for singular arithmetic surfaces”, *Mem. Amer. Math. Soc.* 120 (1996), no. 573, viii+174 pp.
- E. Okamoto, W. Aitken, G.R.Blakely, and P.F. Stiller, “Simple permutation ciphers using permutation polynomials”, *International Symposium on Information Theory & Its Applications 1994*, Sydney, Australia, pp. 239-244.
- E. Okamoto, W. Aitken, G.R. Blakely, and I. Borosh, “Properties of permutation polynomials”, *The 17th Symposium on Information Theory and Its Applications (SITA '94)*, Hiroshima, Japan, pp. 381-384.
- W. Aitken, “An arithmetic Riemann-Roch theorem for singular arithmetic surfaces”, Doctoral Dissertation, Harvard University, 1991. Advisor: Barry Mazur