

PUBLICATION LIST
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Published Papers:

- J. Bourgain, T. Cochrane, J. Paulhus, and C. Pinner. *Decimations of l -sequences and permutations of even residues mod p* . SIAM Journal on Discrete Mathematics, 232 (2): 842-857, 2009.
- J. Paulhus. *Decomposing Jacobians of curves with extra automorphisms*. Acta Arith., 132 (3): 231-244, 2008.
- J. Paulhus. *Elliptic factors in Jacobians of low genus curves*. Ph.D. thesis, University of Illinois at Urbana-Champaign, 2007.
- C. Girod, M. Lepinski, J. Mileti, and J. Paulhus. *Cwatsset isomorphism and its consequences*. Rose-Hulman Mathematical Sciences Technical Report Series, vol. 1, 2000.

Submitted Papers and Preprints:

- L. Berger, J.-L. Hoelscher, Y. Lee, J. Paulhus and R. Scheidler. *The ℓ -rank structure of a global function field*. Submitted.
- A. Bennett, R. Manspecker, R. Natarajan, and J. Paulhus. *Studio College Algebra at Kansas State University*. Submitted.
- J. Bourgain, T. Cochrane, J. Paulhus, and C. Pinner. *On the parity of k -th powers mod p : A generalization of a problem of Lehmer*. In Preparation.
- J. Paulhus. *Elliptic factors in Jacobians of hyperelliptic curves with certain automorphism groups*. Preprint.

Preprints and thesis available at <http://www.math.ksu.edu/~paulhus>