

## PUBLICATIONS

*Toward an Arithmetic of Polynomials*, *Aequationes Mathematicae*, Vol. 43, No. 1, pp. 21-37, 1992. (With D. K. Harrison)

*Separable Polynomials and Weak Henselizations*, *Rings, Extensions, and Cohomology*, *Lecture Notes in Pure and Applied Mathematics*, Vol. 159, pp. 165-179, 1994.

*Weakly Henselian Rings*, *The Mathematical Journal of Okayama University*, 38, pp. 1-5, 1997.

*The Separable Closure of a Local Ring*, *The Journal of Algebra*, 207, pp. 657-663, 1998.

*Strongly Etale Extensions and Weak Henselizations*, *Communications in Algebra* 28 (5), (2000) 2497-2506 (with Frank DeMeyer and Kim Schneider).

*The Zero Divisor Graph of a Commutative Semigroup*, *Semigroup Forum* 65 (2002) 206-214 (with Frank DeMeyer and Kim Schneider).

*Generic Polynomials over Finite Fields*, *Journal of Algebra* 261 (2003) 327-333 (with Frank DeMeyer) .

*Purely Periodic Second Order Linear Recurrences*, *Fibonacci Quarterly*, Vol. 46/47, No. 2, May 2008/09, pp. 160-166 (With Shannon Overbay).

*Book Embeddings and Zero Divisors*, *Ars Combinatoria*, Vol. 95, 2010, pp. 55-63 (With Shannon Overbay).

*Sums of Second Order Linear Recurrences*, *Fibonacci Quarterly*, Vol. 48, No. 4, November 2010, pp. 335-342 (With Shannon Overbay).

*G-Sets and Linear Recurrences Modulo Primes*, *Missouri Journal of Mathematical Sciences* 25 (2013), no. 1, 27–36. (With Shannon Overbay and Rob Ray).

*Jordan Forms and Nth Order Linear Recurrences*, *Missouri Journal of Mathematical Sciences*. Vol 26, Issue 2, 2014, pp, 122-133 (With Shannon Overbay and Rob Ray).

*Book Thickness of Planar Zero Divisor Graphs*, *Missouri Journal of Mathematical Sciences*. Vol 27, Issue 1, 2015, pp, 2-9 (With Shannon Overbay).

*Book Thickness of Toroidal Zero Divisor Graphs*, *Africa Matematika*, Vol 28, Issue 5, 2017, pp, 823-830, (With Shannon Overbay).

*Subhamiltonian Toroidal Graphs*, (With Shannon Overbay), submitted.

*Deques on a Torus*, (With Shannon Overbay), submitted.

## STUDENT TALKS AND POSTER PRESENTATIONS

*Area and Volume of P-Orbital Overlap: Equations and Importance of IR Stretching (poster), Ryan Cloke, (faculty advisors: Matthew Cremeens, Shannon Overbay, Thomas McKenzie, and Robert Ray), Annual Meeting of the Pacific Northwest Section of the Mathematical Association of America, Central Washington University, Ellensburg, WA, April 3-4, 2009*

*Mathematical Modeling of P-Orbital Overlap, Ryan Cloke (faculty advisors: Matthew Cremeens, Shannon Overbay, Thomas McKenzie, and Robert Ray), Spokane Intercollegiate Research Conference (SIRC), Whitworth University, Spokane, WA, April 25, 2009.*

*Zero Divisor Graphs and Inverse Systems of Abelian Groups (poster), Cynthia Wu (faculty advisor: Thomas McKenzie), Joint Mathematics Meetings, Boston, MA, January, 2012.*

*Zero Divisor Graphs of Inverse Systems of Abelian Groups, Cynthia Wu (faculty advisor: Thomas McKenzie), Northwest Undergraduate Mathematics Symposium, Lewis and Clark College, Portland, OR, March, 2012.*