

## Curriculum Vitae of Frank Palladino

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### Academic Background.

- (2009-) Ph.D. in Mathematics, University of Rhode Island  
Thesis: *On Rational Difference Equations*  
Thesis Adviser: Gerasimos Ladas
- (2003-2007) B.Sc. in Applied Economics, University of Rhode Island
- (2003-2007) B.Sc. in Pure Mathematics, University of Rhode Island

### Fields of Interest.

- The Basic Theory of Nonlinear Difference Equations of Order Greater than One
- Boundedness Character, Global Asymptotic Stability, and Periodic Behavior of Rational Difference Equations
- Block Design Theory

### Awards and Honors.

- (2011) AMS Travel Grant
- (2011) University of Rhode Island Graduate Student Fellow
- (2011) GSA Travel Grant
- (2010) GAU Travel Grant
- (2009-2011) University of Rhode Island Graduate Assistant
- (2007-2011) Stony Brook University Graduate Council Fellow
- (2007) Phi Beta Kappa
- (2007) University of Rhode Island President's Award for Student Excellence in Mathematics
- (2007) Fraleigh Prize, Department of Mathematics, University of Rhode Island
- (2005) James D. McCartin End. Scholar
- (2005) Physics Department Fellowship, University of Rhode Island
- (2004) Bruce Campbell Scholarship for Physics, University of Rhode Island
- (2003-2007) University of Rhode Island Centennial Scholar

### Publications.

- (with G. Lugo) *A note on local stability and the  $m$ - $M$  theorem*, J.Difference Equ. Appl., Accepted.
- (with G. Lugo) *Unboundedness results for fourth order rational difference equations*, J.Difference Equ. Appl., Accepted.
- (with G. Lugo) *On the boundedness character of rational systems in the plane*, J.Difference Equ. Appl., Accepted: doi:10.1080/10236198.2010.491513.
- (with M.A. Radin) *A trichotomy result for non-autonomous rational difference equations*, Cent. Eur. J. Math, **9** (2011) 1135-1142.

- (with N.J. Finizio) *Improvements to the spectrum of known Z-cyclic whist tournament designs*, Congr. Numer., **206** (2010) 19-30.
- (with G. Lugo) *Some boundedness results for systems of two rational difference equations*, Cent. Eur. J. Math, **8** (2010) 1058-1090.
- (with G. Lugo) *Unboundedness results for systems*, Cent. Eur. J. Math **7** (2009) 741-756.
- (with G. Lugo) *Unboundedness for some classes of rational difference equations*, Int. J. Difference Equ. **4** (2009) 97-113.
- *On periodic trichotomies*, J.Difference Equ. Appl. **15** (2009) 605-620.
- *On the characterization of rational difference equations*, J.Difference Equ. Appl. **15** (2009) 253-260.
- *Difference inequalities, comparison tests, and some consequences*, Involve **1** (2008) 91-100.
- (with E. Camouzis, G. Ladas, and E.P. Quinn) *On the Boundedness Character of Rational Equations, Part 1*, J.Difference Equ. Appl. **12** (2006) 503-523.

### **Selected Invited Talks.**

- (January 2012) Joint Mathematics Meeting, AMS, Boston, Massachusetts.
- (September 2011) Department of Mathematics, Rochester Institute of Technology.
- (September 2011) Fall Eastern Sectional Meeting, AMS, Ithaca, New York.
- (April 2011) Spring Eastern Sectional Meeting, AMS, Worcester, Massachusetts.
- (October 2010) Combinatorics Seminar, Department of Mathematics, University of Rhode Island.
- (October 2010) Fall Eastern Sectional Meeting, AMS, Syracuse, New York.
- (April 2010) Difference Equations Seminar, Department of Mathematics, University of Rhode Island.
- (December 2009) Difference Equations Seminar, Department of Mathematics, University of Rhode Island.
- (April 2009) Spring Eastern Sectional Meeting, AMS, Worcester, Massachusetts.
- (February 2009) Difference Equations Seminar, Department of Mathematics, University of Rhode Island.

### **Teaching Experience.**

- Instructor: Precalculus, Introduction to Finite Mathematics, Mathematical Foundations for Business Analysis
- Grader: Differential Equations
- Teaching Assistant: Precalculus, Calculus 2, Vector Calculus, Differential Equations
- Undergraduate Teaching Assistant: Elementary Physics I-II

### **Service and Other Professional Activities.**

- (2009-) Organizer of the Difference Equations seminar at the University of Rhode Island
- Referee for the Journal of Difference Equations and Applications