

Russ deForest

Ph.D. Candidate
The Pennsylvania State University
Department of Mathematics
University Park, PA

131 First Ave
State College, PA 16801
Email: deforest@math.psu.edu
(814) 777-0443

Publications

Spatial Pattern Dynamics due to the Fitness Gradient Flux in Evolutionary Games (with A. Belmonte) *Physical Review E*: 87 (2013), 062138

Multidimensional Graph Completions and Cellina Approximable Multifunctions (with A. Bressan), *Rocky Mountain J. Math.* 41 (2011), no. 2, 411-444

Awards

Pennsylvania State University, Department of Mathematics

Prichard Dissertation Fellowship (Spring 2015)

Departmental Graduate Assistant Teaching Award (Fall 2014)

Research Interests

Normally parabolic PDE systems with applications to mathematical biology, Spatial games, Multi-grid methods for nonlinear systems.

Education

Ph.D. Candidate, Pennsylvania State University (expected completion: Spring 2015)

Advisor: A. Belmonte

B.A. Mathematics, University of Alaska Fairbanks, 2005.

Minor: Economics.

Teaching Experience

Pennsylvania State University, Department of Mathematics

Techniques of Calculus (development and teaching of online applied calculus course)

Techniques of Calculus II (multivariate applied calculus)

Matrices (introductory linear algebra)

Trigonometry

College Algebra II

The Math of Money (residential and online)

University of Alaska Fairbanks, Department of Mathematics and Statistics

Precalculus, Summer 2008.

Contemporary Concepts and Applications of Math

Last updated: January 9, 2015