



Benjamin P. Russo

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Department of Mathematics
Little Hall
University of Florida
Gainesville FL, 32611

Education

Ph.D in Mathematics <i>University of Florida</i> <i>Advisor: Scott McCullough</i>	May 2016
M.S. in Mathematics <i>University of Florida</i>	May 2012
B.S. in Mathematics and Physics <i>University of Florida</i>	May 2010

Teaching Experience

Instructor

MGF1106 - Mathematics for Liberal Arts Majors (Summer 2012)
MAC2312 - Analytic Geometry and Calculus II (Summer 2013)
MAP2302 - Elementary Differential Equations (Summer 2014)
MAP2302 - Elementary Differential Equations (Summer 2015)

AIM Instructor (Assisting students Improving skills Maximizing potential)

MAC1105 - Basic College Algebra (Fall 2014)

Online Instructor

MAC1147 - Pre-Calculus and Trigonometry (Fall 2015)

Lecturer

MAC2313 - Analytic Geometry and Calculus III (Spring 2015)

Discussion Leader

MAC1140 - Pre-calculus Algebra (Fall 2010)
MAC1140 - Pre-calculus Algebra (Spring 2011)
MAC1105 - Basic College Algebra (Fall 2011)
MGF1106 - Mathematics for Liberal Arts Majors (Spring 2012)
MAC2311 - Analytic Geometry and Calculus I (Fall 2012)
MAC2312 - Analytic Geometry and Calculus II (Spring 2013)
MAC2313 - Analytic Geometry and Calculus III (Fall 2013)
MAC2313 - Analytic Geometry and Calculus III (Spring 2014)
MAC2313 - Analytic Geometry and Calculus III (Fall 2015)

Course Development

Online Course Development for MAC2313 (Spring 2015 - Summer 2015)

Department Service

Graduate Student Mentor
Graduate Mathematics Association Webmaster (Spring 2013 - Fall 2014)
Graduate Analysis Seminar Organizer (Fall 2015)
Teaching Help Desk (Fall 2015)

Grants

College of Liberal Arts and Sciences Travel Grant

Conferences Attended

Southeastern Analysis Meeting, Virginia Tech (March 2013)
Southeastern Analysis Meeting, Clemson University (March 2014)
Southeastern Analysis Meeting, University of Georgia (March 2015)
Great Plains Operator Theory Seminar, Purdue University (May 2015)

Talks

Graduate Analysis Seminar, University of Florida (October 2012)
An Introduction to Calculus of Variations (expository)
Graduate Analysis Seminar, University of Florida (January 2013)
An Introduction to 3-isometries (expository)
Graduate Analysis Seminar, University of Florida, (October 2013)
Conjugate Surface Theory (expository)
Graduate Analysis Seminar, University of Florida (August 2013)
3-isometries with Applications to Disconjugacy (expository)
Graduate Analysis Seminar, University of Florida (October 2014)
On an Example of Choi's (expository)
Graduate Analysis Seminar, University of Florida (January 2015)
Unbounded Operators and the Cayley Transform (expository)
Southeastern Analysis Meeting, University of Georgia (March 2015)
The Equivalence of Lifting and Factorization for 3-Isometric Tuples
Great Plains Operator Theory Symposium, Purdue University (May 2016)
The Equivalence of Lifting and Factorization for 3-Isometric Tuples

Invited Talks

Graduate Mathematics Association, University of Florida (September 2014)
My Love/Hate Relationship with the Cantor Set
AMS Special Session on Operators, Function Spaces, and Models (January 2016)
Sub-Jordan Operator Tuples

Publications

The 3-isometric Lifting Theorem
Integral Equations and Operator Theory, with Scott McCullough.
Lifting Commuting 3-Isometric Tuples
Operators and Matrices (submitted) arXiv:1508.01273.