

ÖZCAN YAZICI

Curriculum Vitae

CONTACT

Middle East Technical University,
Ankara, Turkey
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EDUCATION

Ph.D. Mathematics, Syracuse University, 2008-2015
Advisor: Dan Coman

M.S. Mathematics, Sabanci University, 2006-2008
Advisor: Vyacheslav Zakharyuta

B.S. Mathematics, Middle East Technical University (METU), 2002-2006

APPOINTMENTS

Assistant Professor METU Ankara, 07.2017-

Visiting Assistant Professor METU Northern Cyprus Campus, 09.2016- 06.2017

Postdoctoral Research Associate, Texas A&M University at Qatar, 08.2015-08.2016

RESEARCH INTERESTS

Several Complex Variables, Complex Dynamics, Complex Geometry

PUBLICATIONS and PRE-PRINTS

- *Holomorphic Extension of Meromorphic Mappings Along Real Analytic Hypersurfaces* Ann. Mat. Pura Appl. (2019) DOI: 10.1007/s10231-019-00923-z
- *Dynamical Estimates on a Class of Quadratic Polynomial Automorphisms of \mathbb{C}^3* , Complex Var. Elliptic Equ. 62 (2017), no. 2, 230-240.
- *Extension of plurisubharmonic functions in the Lelong class*, Illinois J. Math. Volume 58, Number 1 (2014), 219-231

- *Extension of plurisubharmonic functions and dynamics of polynomial mappings*, Ph.D Thesis, Syracuse University (2015)
- *Kolmogorov problem on widths asymptotics and pluripotential theory*, M.S. Thesis, Sabanci University (2008)

AWARDS

- TÜBİTAK 2232 Grant, November 2017-January 2019
- AMS Graduate Student Travel Grant for JMM in San Antonio, January 2015
- Donald E. Kibbey Prize, Syracuse University, 2014 (It is awarded annually for excellence in the Ph.D. program and for an excellent doctoral dissertation.)
- Worked under the grant of Dan Coman, Summer 2009, Summer 2010, Summer 2011, Summer 2013, Summer 2014, Summer 2015
- Syracuse University College Fellowship, Summer 2012
- Sabanci University Graduate Full Scholarship, 2006-2008
- TUBITAK (The Scientific and Technological Research Council of Turkey) Fellowship for graduate students, 2006-2008

TALKS

- **Holomorphic Extension of Mappings between Hypersurfaces**, presented at:
 - METU, General Seminar, February 2019
 - Bilkent University, Analysis Seminar, February 2019
 - Ondokuz Mayıs University, National Mathematics Conference, September 2019
- **Dynamics of complex polynomial automorphisms in higher dimension**, presented at:
 - Hacettepe University, General Seminar, December 2017
 - Atilım University, General Seminar, March 2018

İstanbul Analysis Seminars, April 2018

IMBM Mathematics Days II, Bogaziçi University, September 2018

Çankaya University, General Seminar, Bogaziçi University, October 2018

- **Dynamics of a class of quadratic automorphisms of \mathbb{C}^3** , presented at:

Special Session in Holomorphic Dynamics at the JMM in San Antonio, January 2015

- **Extension of plurisubharmonic functions in the Lelong class**, presented at:

Workshop in function theory and complex variables, Sirince, Turkey, June 2013

AMS sectional meeting, Baltimore, March 2014

The 39th Annual New York Regional Graduate Mathematics Conference, Syracuse University, April 2014

Analysis and Geometry in Several Complex Variables, Texas A&M University at Qatar, January 2015

2015 Joint Mathematics Meetings, San Antonio, TX, January 2015

METU Mathematics General Seminars, Ankara, March 2016

- **Potential Theory and Dynamics**, presented at:

38th Annual New York Regional Graduate Mathematics Conference, Syracuse University, April 2013

- **Hénon Maps and Fatou-Bieberbach Domains**, presented at:

MGO Seminar, Syracuse University, March 2012

Graduate Seminar, University of Rochester, April 2012

- **Several talks in Several Complex Variables**, presented at:

The student seminar in Several Complex Variables , Fall 2011-Spring 2013

- **Iteration of Rational Functions**, presented at:

35th Annual New York Regional Graduate Mathematics Conference, Syracuse University, April 2010

CONFERENCE PARTICIPATION

- Ankara-Istanbul Algebraic Geometry Number Theory Meetings, Fall 2019 (as a speaker of one of the lecture series)
- First Workshop of TMD Ankara at METU, January 2019 (as an instructor for the Complex Analysis crash course)
- Third Graduate Summer School of Association for Turkish Women in Maths at METU, June 2018 (as an instructor for the Functional Analysis crash course)
- Second Graduate Summer School of Association for Turkish Women in Maths at METU, 13-22 June 2017 (as an instructor for the Complex Analysis crash course)
- Winter School & Workshop in Complex Analysis and Geometry, Institute of Mathematics of Toulouse (IMT), France, 7-12 March 2016
- 2015 Joint Mathematics Meetings, San Antonio, TX, 9-13 January 2015
- Analysis and Geometry in Several Complex Variables, Texas A&M University at Qatar, 4-8 January 2015
- AMS sectional meeting, Baltimore MD, March 2014
- Workshop and a summer school in function theory and complex variables, Sirince, Turkey, June 2013
- AMS sectional meeting, RIT Rochester NY, September 2012
- Midwest Several Complex Variables Conference at Washington University in St. Louis, Missouri, May 11-14, 2011
- Prairie Analysis Seminar at University of Kansas, Lawrence, Kansas, October 29-30, 2010
- Special Session on Several Complex Variables, AMS Eastern Sectional Meeting at Syracuse University, 2-3 October 2010
- RTG Workshop on Holomorphic Maps and Iterations at the University of Michigan, Ann Arbor, Michigan, March 12-14, 2010
- RTG Workshop on Complex Dynamics, University of Michigan, Ann Arbor, December 4-6, 2009
- Midwest Several Complex Variables Conference at Purdue University, October 10-12, 2009
- Functional Analysis and Complex Analysis, Istanbul, 2007

TEACHING EXPERIENCE

- **METU, Ankara**, instructor for:
 - Math 120 Calculus of functions of several variables
 - Math 119 Calculus with Analytic Geometry
 - Math 117 Calculus I
 - Math 153 Calculus for Mathematics Students I
 - Math 154 Calculus for Mathematics Students II
 - Math 497 Hilbert Space Techniques
 - Math 555 Theory of functions of a complex variable

- **METU NCC**, instructor for:
Math 119 Calculus with Analytic Geometry, Fall 2016, Spring 2017
Math 100 Precalculus, Fall 2016
- **Syracuse University**, instructor for:
Math 295 Calculus I, Fall 2014
Math 285 Life Science Calculus I, Spring 2013, Spring 2015
Math 397 Calculus III, Spring 2011
- **Syracuse University**, teaching assistant for:
Math 122 Probability and Statistics for the Liberal Arts II, Spring 2012, Spring 2014
Math 121 Probability and Statistics for the Liberal Arts I, Fall 2011, Fall 2013
Math 296 Calculus II, Spring 2010
MAT 183 Elements of Modern Mathematics, Fall 2009, Fall 2010
- **Sabancı University**, teaching assistant for:
MATH 301 Introduction to Mathematical Analysis, Spring 2008
MATH 204 Discrete Mathematics, Spring 2007, Fall 2007
MATH 101 Calculus I, Fall 2006
- **Middle East Technical University (METU)**, student teaching assistant for:
Math 112 Discrete Mathematics, Spring 2006

MEMBERSHIP

- Member of the American Mathematical Society, 2008-present
- Future Professoriate Program (FPP) participant at Syracuse University, 2011-2015

REFERENCES

Prof. Dan Coman, Mathematics Department Syracuse University, Syracuse NY,
Phone: 315-443-1496 email: dcoman@syr.edu

Prof. E. A. Poletsky, Mathematics Department Syracuse University, Syracuse NY,
Phone: 315-443-1472, email: eapolets@syr.edu

Prof. Nordine Mir, Texas A&M University at Qatar, Science program, Doha, Qatar
Phone: +974 4423-0544, email: nordine.mir@qatar.tamu.edu

Prof. Leonid V. Kovalev, (for teaching), Mathematics Department Syracuse University, Syracuse NY,
Phone: 315-443-1487 email: lvkovale@syr.edu