

## Asst. Prof. Elçim ELGÜN KIRIMLI

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-7278-6792

Publons / Web Of Science ResearcherID: AAE-5596-2020

Yoksis Researcher ID: 284217

### Education Information

Post Doctorate, Lakehead University, Science And Environmental Studies, Mathematical Sciences, Canada 2013 - 2014

Doctorate, University of Waterloo, Faculty Of Mathematics, Department Of Pure Mathematics, Canada 2007 - 2013

Postgraduate, Bogazici University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2004 - 2007

Undergraduate, Bogazici University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1999 - 2004

### Certificates, Courses and Trainings

Education Management and Planning, Certificate of University Teaching, University of Waterloo, 2013

### Dissertations

Doctorate, Eberlein Compactification of Locally Compact Groups, University of Waterloo, Faculty Of Mathematics, Department Of Pure Mathematics, 2013

Postgraduate, Local topological structure in the LUC compactification of a locally compact group, Bogazici University, Fen Bilimleri Enstitüsü, Matematik, 2007

### Research Areas

Mathematics, Functional Analysis, Fourier Analysis, Group Theory and Generalizations, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues

Lecturer PhD, Lakehead University, Science And Environmental Studies, Mathematical Sciences, 2013 - 2015

Lecturer PhD, University of Waterloo, Faculty Of Mathematics, Department Of Pure Mathematics, 2013 - 2013

Research Assistant, University of Waterloo, Faculty Of Mathematics, Department Of Pure Mathematics, 2007 - 2012

Research Assistant, Bogazici University, Fen Edebiyat Fakültesi, Matematik, 2005 - 2007

## Courses

Integral Calculus (Örgün Öğretim), Undergraduate, 2018 - 2019  
Integral Calculus (MATE 3008-İkinci Öğretim), Undergraduate, 2018 - 2019  
Matematik I, Undergraduate, 2018 - 2019  
Analysis I (MATE 1169-Örgün Öğretim), Undergraduate, 2018 - 2019  
Analysis I (MATE 1178-İkinci Öğretim), Undergraduate, 2018 - 2019  
Mathematics I, Undergraduate, 2018 - 2019  
Introduction to Calculus for Social Sciences, Undergraduate, 2015 - 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **West semigroups as compactifications of locally compact abelian groups**  
Elgun E.  
SEMIGROUP FORUM, vol.93, no.1, pp.71-85, 2016 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Heisenberg Tipi Grup Genislemeleri Üzerinde Sürekli Gabor Dönüşümü**  
ELGÜN KIRIMLI E.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.54
- II. **GABOR TRANSFORM ON CENTRAL GROUP EXTENSIONS**  
ELGÜN KIRIMLI E.  
MODERN METHODS, PROBLEMS AND APPLICATIONS OF OPERATOR THEORY AND HARMONIC ANALYSIS, Rostov, Russia, 22 - 27 April 2018, pp.18
- III. **The Eberlein Compactification of the Heisenberg Type Group  $Z \times T \times T$**   
ELGÜN KIRIMLI E.  
Canadian Mathematical Society 2013 Winter Meeting: Banach Algebras and Abstract Harmonic Analysis, Ottawa, Canada, 6 - 09 December 2013, pp.1
- IV. **The Eberlein Compactification of Locally Compact Groups**  
ELGÜN KIRIMLI E.  
Canadian Mathematical Society 2012 Summer Meeting: Harmonic Analysis and Operator Spaces, Regina, Canada, 2 - 04 June 2012, pp.1
- V. **On West Compactifications of Locally Compact Abelian Groups**  
ELGÜN KIRIMLI E.  
Banach Algebras and Applications 2011 Conference, Waterloo, On, Canada, 3 - 10 August 2011, pp.12
- VI. **Idempotents in the Eberlein compactification of  $Z$**   
ELGÜN KIRIMLI E.  
Canadian Abstract Harmonic Analysis Symposium, CAHAS 2010, Saskatoon, Canada, 5 - 06 August 2010, pp.4

## Supported Projects

ELGÜN KIRIMLI E., TUBITAK Project, Değişmeli Yerel Kompakt Grupların Eberlein Kompaktlamalarında bulunan İdempotentlerin Yapısı, 2017 - Continues  
ELGÜN KIRIMLI E., Other International Funding Programs, Amenability Properties of Locally Compact Groups, 2013 - 2014

## Activities in Scientific Journals

İstanbul University Science Faculty The Journal Of Mathematics, Physics and Astronomy, Editor, 2018 - Continues

## Scientific Refereeing

Hacettepe Journal of Mathematics and Statistics, National Scientific Refreed Journal, September 2018

## Metrics

Publication: 7

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

31. Ulusal Matematik Sempozyumu, Attendee, Erzincan, Turkey, 2018

Modern Methods' Problems and Applications of Operator Theory and Harmonic Analysis, Attendee, Rostov, Russia, 2018

Workshop on Banach Algebras in Honor of Ali Ulger, Attendee, Istanbul, Turkey, 2016

International Abstract Harmonic Analysis Symposium 2015' AHA 2015, Attendee, Canada, 2015

Canadian Mathematical Society 2013 Winter Meeting: Banach Algebras and Abstract Harmonic Analysis, Attendee, Ottawa, Canada, 2013

Banach Algebras and Applications 2013 Conference, Attendee, Gothenburg, Sweden, 2013

Canadian Abstract Harmonic Analysis Symposium 2013, Attendee, Thunder-Bay, Canada, 2013

Canadian Mathematical Society 2012 Summer Meeting: Harmonic Analysis and Operator Spaces, Attendee, Regina, Canada, 2012

Banach Algebras and Applications 2011 Conference, Attendee, --Seçiniz--, Canada, 2011

Canadian Abstract Harmonic Analysis Symposium 2010, CAHAS 2010, Attendee, Saskatoon, Canada, 2010

Canadian Mathematical Society 2009 Winter Meeting, Attendee, Windsor, Canada, 2009

Canadian Abstract Harmonic Analysis Symposium 2009 (Laufest), Attendee, Edmonton, Canada, 2009

## Scholarships

Doctoral Thesis Completion Award, Official Institutions of Foreign Countries, 2012 - Continues

Basari Bursu, Ministry of Education, 1999 - Continues

## Awards

ELGÜN KIRIMLI E., Susan and Janos Aczel Graduate Scholarship, University of Waterloo, January 2012

ELGÜN KIRIMLI E., A.S.A Wyatt Award in Pure Mathematics, University of Waterloo, January 2009

ELGÜN KIRIMLI E., Provost Doctoral Entrance Award for Women, University of Waterloo, September 2007

ELGÜN KIRIMLI E., Dora Aksoy Odulu, Bogazici Universitesi, July 2007