

# Asst. Prof. Elçim ELGÜN KIRIMLI

## Personal Information

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## 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

Post Graduate, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 2004 - 2007

Under Graduate, Boğaziçi Üniversitesi, 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

Post Graduate, 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, Boğaziçi Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 2005 - 2007

## Courses

Integral Calculus (Örgün Öğretim), Under Graduate, 2018 - 2019

Integral Calculus (MATE 3008-İkinci Öğretim), Under Graduate, 2018 - 2019

Matematik I, Under Graduate, 2018 - 2019

Analysis I (MATE 1169-Örgün Öğretim), Under Graduate, 2018 - 2019

Analysis I (MATE 1178-İkinci Öğretim), Under Graduate, 2018 - 2019

Mathematics I, Under Graduate, 2018 - 2019

Introduction to Calculus for Social Sciences, Under Graduate, 2015 - 2016

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **West semigroups as compactifications of locally compact abelian groups**  
Elgün E.  
SEMIGROUP FORUM, vol.93, pp.71-85, 2016 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Heisenberg Tipi Grup Genislemeleri Üzerinde Sürekli Gabor Dönüşümü**  
ELGÜN KIRIMLI E.  
31. Ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018, pp.54
- **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
- **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
- **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
- **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
- **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 Supported Projects, 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 Refereed Journal, September 2018

## Invited 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

## Citations

Total Citations (WOS):1

h-index (WOS):1

## 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