

Prof. Ömer GÖK

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1985 - 1990

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1981 - 1985

Undergraduate, Selcuk University, Faculty Of Science, Department Of Mathematics, Turkey 1977 - 1981

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, İş güvenliği ve sağlığı, Yıldız Teknik Üniversitesi, 2016

Dissertations

Doctorate, On a Bade Type Reflexive Algebra, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, 1990

Postgraduate, Order properties of compact operators on Banach lattices, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, 1985

Research Areas

Mathematics, Functional Analysis, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 1994 - 2000

Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, 1983 - 1991

Advising Theses

- Gök Ö., Zero-Product preserving operators and product-factorability of bilinear maps, Doctorate, E.ERDOĞAN(Student), 2018
- Gök Ö., Kuadratik sayı cisimlerinde çarpanlara ayırma, ideal sınıf grubu ve L-fonksiyonları, Doctorate, B.KÖKLÜCE(Student), 2016
- GÖK Ö., Maksimal baskınlaştırılmış operator yarı grupları, Postgraduate, D.YILMAZ(Student), 2016
- GÖK Ö., Pozitif operatörlerde değişmez altörgüler, Postgraduate, M.HAFEZ(Student), 2016
- GÖK Ö., Banach uzaylarında ve Banach latislerde değişmez alt uzaylar üzerine, Postgraduate, E.DEMİRBILEK(Student), 2016
- GÖK Ö., Çarpım operatörleri, Postgraduate, E.ÇELİK(Student), 2016
- GÖK Ö., Düzgün konveks Banach uzaylarında Daugavet denklemi, Postgraduate, C.KUYUMCU(Student), 2016
- GÖK Ö., Archimedean hemen hemen f-cebirlerinde sıralı sınırlı türetmeler, Postgraduate, A.ELMA(Student), 2016
- GÖK Ö., Sürekli fonksiyonların latisleri üzerindeki homomorfizmalar, Postgraduate, N.ÖZTÜRK(Student), 2016
- GÖK Ö., Banach uzaylarında lineer operatörlerin kümesinin refleksifliği, Postgraduate, S.KOZAN(Student), 2016
- GÖK Ö., İndirgenemez operatörler, Postgraduate, E.ALTINBİLEZİK(Student), 2016
- GÖK Ö., Pre-Riesz uzaylarında idealler ve bandlar, Postgraduate, F.ŞEKER(Student), 2016
- GÖK Ö., Daugavet özellikli Banach uzayları, Postgraduate, D.TETİK(Student), 2016
- Gök Ö., Banach uzayları üzerinde bir buçuk-geçişli ve yerelleştirme operatör cebirleri, Doctorate, E.DEMİR(Student), 2016
- Gök Ö., Topolojik olarak zengin merkezli banach latislerde maharam operatörleri, Doctorate, F.ÖZTÜRK(Student), 2016
- GÖK Ö., Pozitif operatör yarıgruplarının ideal üçgenleştirilebilirliği, Postgraduate, U.AĞLAN(Student), 2016
- GÖK Ö., Hemen hemen F-cebirleri ve D-cebirlerinin sıralı ikinci duali, Postgraduate, S.CAN(Student), 2016
- Gök Ö., Değişmez alt uzay problemi, Doctorate, P.ALBAYRAK(Student), 2016
- GÖK Ö., L- zayıf ve m-zayıf kompakt operatörler, Postgraduate, M.ENGELKIRAN(Student), 2016
- Gök Ö., Banach F-modüllerinin merkezi ve F-ortomorfizmalar üzerinde genişletilmiş sonuçlar, Doctorate, Ş.PEŞTİL(Student), 2016
- Gök Ö., Abelian olmayan kompakt lie grupları üzerinde kontrol sistemleri, Doctorate, E.GÜL(Student), 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the Lattice Properties of Almost L-Weakly and Almost M-Weakly Compact Operators**
Akay B., GÖK Ö.
JOURNAL OF FUNCTION SPACES, vol.2021, 2021 (Journal Indexed in SCI)
- II. **Product factorability of integral bilinear operators on Banach function spaces**
ERDOĞAN E., Sánchez Pérez E., GÖK Ö.
Positivity, vol.23, no.3, pp.671-696, 2019 (Journal Indexed in SCI)
- III. **Convolution factorability of bilinear maps and integral representations**
ERDOĞAN E., GÖK Ö.
Indagationes Mathematicae, vol.29, no.5, pp.1334-1349, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **B-bimorphisms**
Gök Ö.
International Journal of Applied Mathematics, vol.32, pp.45-50, 2019 (Refereed Journals of Other Institutions)
- II. **On semicompact operators**
Gök Ö.
ROMAI Journal, vol.14, no.1, pp.143-147, 2018 (Refereed Journals of Other Institutions)
- III. **On the adjoints of biorthomorphisms**
Gök Ö.

International Mathematical Forum, vol.12, no.3, pp.97-102, 2017 (International Conference Book)

- IV. **On the ideal center of a dual vector lattice**
Özcan S., GÖK Ö.
International Journal of Mathematical Analysis, vol.9, pp.15-18, 2015 (Refereed Journals of Other Institutions)
- V. **On some properties related to order dual of an f-module**
Özcan S., GÖK Ö.
International Journal of Mathematical Analysis, vol.8, pp.1249-1253, 2014 (Refereed Journals of Other Institutions)
- VI. **A note on A-linear operators on Banach A-module**
Uluocak E., GÖK Ö.
International Journal of Mathematical Analysis, vol.8, pp.1945-1950, 2014 (Refereed Journals of Other Institutions)
- VII. **Extended results on f-orthomorphisms over the second order dual of an f-algebra**
Gök Ö., Yıldız Ş.
Pure Math. Sci, vol.2, no.3, pp.109-114, 2013 (International Conference Book)
- VIII. **On the center of Banach f-modules**
Gök Ö., Yıldız Ş.
Pure Math. Sci, vol.2, no.1, pp.49-54, 2013 (International Conference Book)
- IX. **A note on the order bidual of f-modules**
Gök Ö., Uluocak E.
Pure Math. Sci, vol.2, no.1, pp.23-28, 2013 (International Conference Book)
- X. **On Maharam Operators on Banach Lattices with Topologically Rich Center**
Gök Ö., Çeliker F.
International Mathematical Forum, vol.6, pp.431-438, 2011 (Refereed Journals of Other Institutions)
- XI. **On Invariant Subspaces of Weakly Compact Friendly Operators**
GÖK Ö., ALBAYRAK P.
International Journal of Contemporary Mathematical Sciences, vol.4, pp.259-266, 2009 (Refereed Journals of Other Institutions)
- XII. **A note on invariant subspaces in locally convex space.**
GÖK Ö.
Mat. Stud., vol.32, no.1, pp.73-75, 2009 (Refereed Journals of Other Institutions)
- XIII. **On Weakly Compact Friendly Operators**
GÖK Ö., ALBAYRAK P.
International Journal of Pure and Applied Math., vol.50, pp.609-613, 2009 (Refereed Journals of Other Institutions)
- XIV. **A note on integration with respect to vector measures.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.20, no.3, pp.333-336, 2005 (Refereed Journals of Other Institutions)
- XV. **On reducibility of adjoint semigroups of positive operators on a normed Riesz space.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.22, no.1, pp.89-93, 2005 (Refereed Journals of Other Institutions)
- XVI. **A note on operators conjugate to d-homomorphisms.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.23, no.1, pp.89-92, 2005 (Refereed Journals of Other Institutions)
- XVII. **On semigroups of positive operators on Banach lattices.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.21, no.1, pp.79-82, 2005 (Refereed Journals of Other Institutions)
- XVIII. **A note on Lomonosov space and invariant subspaces.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.16, no.1, pp.33-38, 2004 (Refereed Journals of Other Institutions)
- XIX. **A note on an inverse closed algebra on Banach $C(K)$ -modules.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.14, no.2, pp.169-173, 2004 (Refereed Journals of Other Institutions)
- XX. **On Maharam extensions of positive operators on Banach lattices.**

- GÖK Ö.
Int. Math. J., vol.5, no.2, pp.133-140, 2004 (Refereed Journals of Other Institutions)
- XXI. **A theorem of W. J. Ricker on spectral measures.**
GÖK Ö.
Int. Math. J., vol.5, no.2, pp.129-132, 2004 (Refereed Journals of Other Institutions)
- XXII. **On the inverse closedness of the weak* closed algebra generated by the Boolean algebra of projections.**
GÖK Ö.
Int. Math. J., vol.3, no.11, pp.1215-1221, 2003 (Refereed Journals of Other Institutions)
- XXIII. **A note on transitive operator algebras.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.5, no.1, pp.105-109, 2003 (Refereed Journals of Other Institutions)
- XXIV. **On $C(K)$ -orthomorphisms.**
GÖK Ö.
Math. Sci. Res. J., vol.7, no.2, pp.72-78, 2003 (Refereed Journals of Other Institutions)
- XXV. **On Maharam extensions of positive operators on Banach f -modules.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.11, no.3, pp.309-321, 2002 (Refereed Journals of Other Institutions)
- XXVI. **On transitive operator algebras in locally convex spaces.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.10, no.2, pp.191-196, 2002 (Refereed Journals of Other Institutions)
- XXVII. **On Maharam extensions of positive operators in the order duals of Riesz spaces.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.11, no.1, pp.95-105, 2002 (Refereed Journals of Other Institutions)
- XXVIII. **An algebraically reflexive representation result of the second dual of $C(K)$.**
GÖK Ö.
Int. J. Appl. Math., vol.9, no.1, pp.21-26, 2002 (Refereed Journals of Other Institutions)
- XXIX. **On reflexivity of $m(C(K))$.**
GÖK Ö.
Demonstratio Math., vol.35, no.1, pp.125-128, 2002 (Refereed Journals of Other Institutions)
- XXX. **A result on strictly separating functionals.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.1, no.2, pp.161-196, 2002 (Refereed Journals of Other Institutions)
- XXXI. **The band of nilpotents in the second order dual of an f -algebra.**
GÖK Ö.
Int. J. Pure Appl. Math., vol.5, no.2, pp.163-170, 2001 (Refereed Journals of Other Institutions)
- XXXII. **On the dependence of disjointness preserving operators.**
GÖK Ö.
Int. J. Appl. Math., vol.6, no.3, pp.271-277, 2001 (Refereed Journals of Other Institutions)
- XXXIII. **On the universal completion of the weak * closed algebra generated by the Boolean algebra of projections.**
GÖK Ö.
Int. J. Appl. Math., vol.5, no.4, pp.431-439, 2001 (Refereed Journals of Other Institutions)
- XXXIV. **On reflexivity of closed unital subalgebras in locally convex spaces.**
GÖK Ö.
Demonstratio Math., vol.34, no.1, pp.105-110, 2001 (Refereed Journals of Other Institutions)
- XXXV. **Vector optimization in ordered Banach spaces.**
GÖK Ö., Azimov A.
Int. J. Appl. Math., vol.2, no.11, pp.1349-1362, 2000 (Refereed Journals of Other Institutions)
- XXXVI. **On reducibility in Banach spaces.**
GÖK Ö.

- Int. J. Appl. Math., vol.2, no.7, pp.859-865, 2000 (Refereed Journals of Other Institutions)
- XXXVII. **On the bicommutant theorem for strongly equicontinuous Boolean algebras of projections in locally convex spaces and resolutions of the identity of scalar-type spectral operators in Banach $C(K)$ -modules.**
GÖK Ö.
Int. J. Appl. Math., vol.2, no.10, pp.1245-1258, 2000 (Refereed Journals of Other Institutions)
- XXXVIII. **Dual reflexivity theorem in C^* -modules.**
GÖK Ö.
Demonstratio Math., vol.33, no.1, pp.131-133, 2000 (Refereed Journals of Other Institutions)
- XXXIX. **On dual Bade theorem in locally convex $C(K)$ -modules.**
GÖK Ö.
Demonstratio Math., vol.32, no.4, pp.807-810, 1999 (Refereed Journals of Other Institutions)
- XL. **d-modules.**
GÖK Ö.
Int. J. Appl. Math., vol.1, no.5, pp.575-582, 1999 (Refereed Journals of Other Institutions)
- XLI. **On reflexivity of scalar-type spectral operators.**
GÖK Ö.
Demonstratio Math., vol.32, no.2, pp.433-439, 1999 (Refereed Journals of Other Institutions)
- XLII. **The dual Bade theorem in locally convex spaces and reflexivity of a closed unital subalgebra.**
GÖK Ö.
Proyecciones, vol.18, no.1, pp.77-89, 1999 (Refereed Journals of Other Institutions)
- XLIII. **On disjointness preserving operators in Banach $C(K)$ -modules.**
GÖK Ö.
Int. J. Appl. Math., vol.1, no.1, pp.127-130, 1999 (Refereed Journals of Other Institutions)
- XLIV. **Semigroups in Banach $C(K)$ -modules and their adjoints.**
GÖK Ö.
Demonstratio Math., vol.31, no.3, pp.547-552, 1998 (Refereed Journals of Other Institutions)
- XLV. **Characterization of the dual center of barrelled spaces.**
GÖK Ö.
Demonstratio Math., vol.31, no.2, pp.285-288, 1998 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Fonksiyonel Analize Giriş**
Gök Ö.
Üniversite Yayınları, İstanbul, 1997
- II. **Reel Analiz**
Gök Ö.
Üniversite Yayınları, İstanbul, 1997

Refereed Congress / Symposium Publications in Proceedings

- I. **A note on tensor product of Archimedean vector lattices**
Gök Ö.
Algebraic and geometric methods of analysis, Odesa, Ukraine, 26 - 30 May 2020, pp.18
- II. **On the center of class of regular Dunford-Pettis Operators**
Gök Ö.
Infinite dimensional Analysis and Topology, Ivano-Frankivsk, Ukraine, 16 - 20 October 2019, pp.16
- III. **On extensions of d-lattice bimorphisms**

Gök Ö.

IMCS-55, the 5 th conference of mathematics and computer sciences in Moldova, Chisinau, Moldova, 28 September - 01 October 2019, pp.63-67

IV. On the class of AM-compact operators

Gök Ö.

27 th annual conference on applied and industrial mathematics, CAIM 2019, Targu-Mures, Romania, 19 - 22 September 2019, pp.13-14

V. On b-semicompact operators

Gök Ö.

Banach spaces and their applications, Lviv, Ukraine, 26 - 29 June 2019, pp.23

VI. On extensions of almost lattice bimorphisms

Gök Ö.

Algebraic and topological methods of analysis, Odesa, Ukraine, 28 May - 03 June 2019, pp.5-6

VII. A Note on Maharam Operators

GÖK Ö., ÇELİKER F.

5th INTERNATIONAL IFS AND CONTEMPORARY MATHEMATICS CONFERENCE, Kahramanmaraş, Turkey, 05 September 2018, pp.41

VIII. Reflexivity

GÖK Ö.

International conference dedicated 120 th Anniversary of Stefan Banach 2012, Lviv, Ukraine, 01 September 2012

IX. A note on disjointness preserving operators

GÖK Ö.

24 th conference on Operator Theory, Timişora, Romania, 01 July 2012

X.

GÖK Ö.

Theory of approximation of functions and its applications dedicated A.I.Stepanets, Kaminets-Podilsky, Ukraine, 01 May 2012

XI.

GÖK Ö.

International conference theory of approximation of functions and its applications, 01 May 2012

XII. Band Preserving Operators on Banach lattices

GÖK Ö.

!9 th Annual conference on Applied and Industrial Mathematics, Iasi, Romania, 01 September 2011

Supported Projects

GÖK Ö., Project Supported by Higher Education Institutions, f -cebirleri ve f -modüllerinin sıralı ve ikinci sıralı duali üzerindeki Lineer operatörler ve ortomorfizmalar, 2014 - 2015

GÖK Ö., Project Supported by Higher Education Institutions, Banach F -Modüllerinin merkezi ve F -Ortomorfizmalar üzerine Genişletilmiş sonuçlar, 2012 - 2013

Citations

Total Citations (WOS):6

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