

Prof. Nazım SADIK

Personal Information

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Address: İstanbul Üniversitesi Fen Fakültesi Matematik Bölümü 34134 Vezneciler/İstanbul

Foreign Languages

Russian, C1 Advanced

Research Areas

Mathematics, Functional Analysis, Functions of a Complex Variable, Operators, Natural Sciences

Academic and Administrative Experience

İstanbul Üniversitesi, Faculty of Science, Matematik, 2010 - Continues

İstanbul Üniversitesi, Faculty of Science, Matematik, 2003 - 2012

Muğla Üniversitesi, Fen Edebiyat Fakültesi, 1999 - 2000

Courses

Kompleks Analiz II (Örgün), Undergraduate, 2012 - 2013

Fonksiyonel Uzaylarda Operatör Teorisi II, Doctorate, 2012 - 2013

Kompleks Analiz II (İ.Ö.), Undergraduate, 2012 - 2013

Seminer, Doctorate, 2012 - 2013, 2011 - 2012

Analiz IV (İ.Ö.), Undergraduate, 2012 - 2013

Analiz IV (Örgün), Undergraduate, 2012 - 2013

Analiz IV (Örgün), Undergraduate, 2011 - 2012

Fonksiyonel Uzaylarda Operatör Teorisi I, Doctorate, 2011 - 2012

Banach Cebirleri II, Doctorate, 2011 - 2012

Kompleks Analiz II (İ.Ö.), Undergraduate, 2011 - 2012

Analitik Fonksiyonlar Teorisi, Postgraduate, 2011 - 2012

Analiz IV (İ.Ö.), Undergraduate, 2011 - 2012

Kompleks Analiz I (Örgün), Undergraduate, 2012 - 2013

Subnormal Operatörler Teorisi, Doctorate, 2012 - 2013

Kompleks Analiz I (İ.Ö.), Undergraduate, 2012 - 2013

Kompleks Analiz II (Örgün), Undergraduate, 2011 - 2012

Analiz III (İ.Ö.), Undergraduate, 2012 - 2013

Analiz III (Örgün), Undergraduate, 2012 - 2013

Banach Cebirleri I, Doctorate, 2011 - 2012

Advising Theses

SADIK N., Genel Singüler Denklemlerin Çözümü Hakkında, Postgraduate, B.Başak(Student), 2011

SADIK N., Bir Taraflı Öteleme Operatör Sistemleri ile Üretilmiş Bazı Operatör Cebirleri, Doctorate, F.Ergezen(Student), 2001

SADIK N., Öteleme Operatörlerin İnvariant Altuzayları, Devirsel Vektörleri ve Bazı Uygulamaları, Postgraduate, T.Kürkçüoğlu(Student), 1998

SADIK N., Abstract Toeplitz Operatörlerinin Spektral Teorisi, Postgraduate, G.Özdemir(Student), 1996

SADIK N., Toeplitz Operatörlerinin Cebirsel Özellikleri, Postgraduate, Ö.Uzun(Student), 1995

Jury Memberships

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2012

Appointment to Academic Staff-Assistant Professorship, Doçentlik Kadrosuna Atama, İstanbul Üniversitesi, November, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, October, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, October, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, October, 2012

Appointment to Academic Staff-Assistant Professorship, Profesörlük Kadrosuna Atama, Bülent Ecevit Üniversitesi, September, 2012

Appointment to Academic Staff-Assistant Professorship, Yardımcı Doçentlik Kadrosuna Atama , İstanbul Üniversitesi, July, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, June, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, March, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, March, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Canonical Functions of Admissible Measures in the Half-Plane (Russian)**
Malyutin K., Kozlova I., SADIK N.
MATHEMATICAL NOTES, vol.96, pp.418-431, 2014 (SCI-Expanded)
- II. **On some operator algebras generated by unilateral weighted shifts**
Ergezen F., SADIK N.
PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.76, pp.21-30, 2010 (SCI-Expanded)
- III. **Representation of Subharmonic Functions in Half-Plane**
Malyutin K., SADIK N.
SBORNIK MATHEMATICS, vol.198, no.12, pp.47-62, 2007 (SCI-Expanded)
- IV. **Bohr radii of elliptic regions**
Kaptanoglu H., Sadik N.
RUSSIAN JOURNAL OF MATHEMATICAL PHYSICS, vol.12, no.3, pp.363-368, 2005 (SCI-Expanded)
- V. **The Beurling Theorem for Entire Functions of Finite Order**
Malyutin K., SADIK N.
FUNCTIONAL ANALYSIS AND ITS APPLICATIONS, vol.197, pp.167-169, 2004 (SCI-Expanded)
- VI. **Extremal problems in the class of delta-subharmonic functions of finite order in a half-plane**
Malyutin K., SADIK N.
SIBERIAN MATHEMATICAL JOURNAL, vol.43, no.5, pp.882-887, 2002 (SCI-Expanded)
- VII. **A characterization of the disk algebra**
Cole B., SADIK N., Poletsky E.

The Illinois Journal of Mathematics, vol.46, pp.533-539, 2002 (SCI-Expanded)

VIII. **Delta-subharmonic functions of completely regular growth in the half-plane**

Malyutin K., Sadik N.

DOKLADY MATHEMATICS, vol.64, no.2, pp.194-196, 2001 (SCI-Expanded)

IX. **Epimorphism and meager sets of a Banach algebras**

Maksudov F., SADIK N., Turovskii Y. V.

FUNCTIONAL ANALYSIS AND ITS APPLICATIONS, vol.30, pp.58-61, 1996 (SCI-Expanded)

Articles Published in Other Journals

I. **The indicator of a delta-subharmonic function in a half-plane**

Malyutin K., SADIK N.

UFA MATHEMATICAL JOURNAL, vol.3, pp.86-94, 2011 (ESCI)

II. **Structure of maximal ideal spaces of a certain class of Banach algebras**

SADIK N.

Vesnik Harkovskogo National University Seriya Matematika, pp.147-152, 2000 (Peer-Reviewed Journal)

III. **The problem of representing delta-subharmonic functions**

Malyutin K., SADIK N., Shvyrkov A. I.

Visnik Kiïvs'kogo Universitetu. Seriya: Fiziko-Matematichni Nauki, vol.1, pp.117-125, 2000 (Peer-Reviewed Journal)

IV. **Invariant subspaces in the Hardy space on a bidisk**

SADIK N.

Spectral theory of operators and its applications, vol.7, pp.186-200, 1986 (Peer-Reviewed Journal)

V. **On some Banach algebras**

SADIK N.

Izv. Akad. Nauk Azerbaidzhan. SSR Ser. Fiz.-Tekhn. Mat. Nauk 6, vol.6, pp.3-7, 1985 (Peer-Reviewed Journal)

VI. **Operators of multiplication by a function in a Hardy space on a polydisk that are isometries**

SADIK N.

Spectral theory of operators and its applications, vol.6, pp.130-143, 1985 (Peer-Reviewed Journal)

VII. **Toeplitz operators on the disc**

SADIK N.

Izv. Akad. Nauk Azerbaidzhan. SSR Ser. Fiz.-Tekhn. Mat. Nauk 5, vol.4, pp.8-12, 1984 (Peer-Reviewed Journal)

VIII. **Invariant subspaces in the Hardy space on a polydisk that are generated by inner functions**

SADIK N.

Dokl. Nats. Akad. Nauk Azerb., vol.39, pp.8-11, 1983 (Peer-Reviewed Journal)

IX. **Crossed products of the polydisk algebra**

SADIK N.

Izv. Akad. Nauk Azerbaidzhan. SSR Ser. Fiz.-Tekhn. Mat. Nauk 3, vol.3, pp.3-8, 1982 (Peer-Reviewed Journal)

X. **On a method of Z.I. Halilov**

SADIK N.

Akad. Nauk Azerbaidzhan. SSR Dokl, vol.37, pp.13-15, 1981 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **A characterization of the disc algebra**

SADIK N.

IV International Conference of Georgian Mathematical Union, Tiflis-Batum, Georgia, 9 - 15 September 2013, pp.66

II. **Invariant subspaces of the Hardy space on the bidisc**

SADIK N.

22 nd St. Petersburg Summer Meeting in Mathematical Analysis, St. Petersburg, Russia, 25 - 30 June 2013, pp.25

- III. **New Method For Solving General Singular Equations and Its Application**
KOCA B. B., SADIK N.
International Conference " Differential Equations and Related Topics". Dedicated to Ivan G. Petrovskii, Russia, 1 - 04 June 2011, pp.104
- IV. **New Method for Solving General Singular Equations and Its Application**
KOCA B. B., SADIK N.
International Conference " Differential Equations and Related Topics". Dedicated to Ivan G. Petrovskii, Moscow, Russia, 1 - 04 June 2011, pp.109
- V. **Representation of Subharmonic Functions in a Half-Plane**
SADIK N.
Modern Problems of Math., Mech., and Their Appl. Materials of Int. Conf. Dedicated to the 70th Anniv. of Rector of MSU Acad. V. A. Sadovnichy, Russia, 1 - 04 April 2009, pp.109
- VI. **C*- algebra generated by system of unilateral weighted shift**
SADIK N.
second International Conference Mathematical Analysis and Economics, Kiev, Ukraine, 1 - 04 April 2003, pp.47
- VII. **A characterization of the Disk algebra**
SADIK N.
International Congress of Mathematics, Pekin, China, 20 - 28 August 2002, pp.29
- VIII. **Delta subharmonic Functions of Completely regular Growth in the Half-Plane**
SADIK N., Malyutin K.
International Conference "Diff. Equations and Related Topics", Moskova, Russia, 22 - 27 June 2001, pp.356-357
- IX. **Çok değişkenli bir taraflı ağırlıklı operatörler sistemi ile üretilmiş bazı operatör cebirleri**
SADIK N.
IX. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 2 - 06 September 1996, pp.7
- X. **Disk cebrinin çarpıraz çarpımı**
SADIK N.
VII. Ulusal Matematik Sempozyumu, Ankara, Turkey, 29 August - 02 September 1994, pp.6
- XI. **Polidisk cebrinin çarpıraz çarpımı**
SADIK N., Özekeş H.
VI. Ulusal Matematik Sempozyumu, Gazimagusa, Cyprus (Kktc), 8 - 12 September 1993, pp.5
- XII. **On Banach Algebras Isomorphic to Subalgebras with a Generator**
SADIK N.
The 2-nd Turkish-Azerbaijan Mathematics Symposium, Baku, Azerbaijan, 8 - 14 September 1992, pp.15
- XIII. **On Invariant Subspace in $H^2(T^n)$.**
SADIK N.
Turk Math. Dernegi Ulusal Math. Sempozyomu, Sakarya, Turkey, 24 - 28 August 1992, pp.28
- XIV. **Invariant Subspaces in a Hardy generated by inner functions**
SADIK N.
Theory of operators in functional spaces ,16 th All Union School, Veliki Novgorod, Russia, 10 - 15 September 1991, pp.198
- XV. **Cross products in the disc algebra and the algebra on the sphere**
SADIK N.
A.I.Shirov Int. Algebra Conf., Barnauk, Russia, 17 - 22 June 1991, pp.198
- XVI. **C*-algebras Generated by Toeplitz Opertors**
SADIK N.
Theory of Operators in Func-tional Spaces (Papers Abstr. 15-th All-Union School),, Ulyanovsk, Russia, 7 - 12 August 1990, pp.65
- XVII. **Algebras generated by Toeplitz operators**
SADIK N.
A.I.Maltzev Int. Algebra Conf., Novasibirsk, Russia, 18 - 23 September 1989, pp.55
- XVIII. **On the Boundary of the Polynomical Convex Hull Image of the Disk-algebra Functions**

SADIK N.

Modern Problems of Functions Theory (Proc. All-Union School-Conf), Baku, Azerbaijan, 13 - 18 May 1989, pp.94-95

XIX. On Topological Structure of the Maksimal Ideal Space of a Class Banach Algebras

SADIK N.

Proc.Int. Topological Conf., Azerbaijan, 1 - 04 May 1987, pp.153-159

XX. Functional Calculus of Toeplitz Operators in generalized Hardy Spaces Operator Theory in Functional Spaces

SADIK N.

Proc. 11-th All-Union School, Çelyabinsk, Russia, 15 - 20 May 1986, pp.92

XXI. Inner Functions on the Polydisk

SADIK N.

Actual Problems of Complex Analysis, Taşkent, Uzbekistan, 5 - 10 July 1985, pp.95-96

XXII. Toeplitz Operators on the Ring

SADIK N.

Proc.Appl.Math.Mech.Acad.Sci.Azerbaijan SSR, Azerbaijan, 1 - 04 June 1985, pp.18-22

XXIII. On a Property of the Disk-algebra

SADIK N.

Young Scientist Conf. on the occasion of the 25-th anniversary Inst. Math. Mech. Acad. Sci. Azerbaijan, Baku, Azerbaijan, 3 - 08 September 1984, pp.218-220

Activities in Scientific Journals

University of Istanbul Faculty of Science the Journal of Mathematics, Physics and Astronomy, New Series, First Editor, 2012 - Continues

Metrics

Publication: 42

Citation (WoS): 6

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

IV International Conference of Georgian Mathematical Union, Attendee, Tiflis-Batum, Georgia, 2013

22 nd St. Petersburg Summer Meeting in Mathematical Analysis, Attendee, St. Petersburg, Russia, 2012

IX. Ulusal Matematik Sempozyumu, Attendee, İstanbul, Turkey, 1996

VII. Ulusal Matematik Sempozyumu, Attendee, Ankara, Turkey, 1994

VI. Ulusal Matematik Sempozyumu, Attendee, Mersin, Turkey, 1993

The 2-nd Turkish-Azerbaijan Mathematics Symposium, Attendee, Bakü, Azerbaijan, 1992

Türk Matematik Derneği Ulusal Matematik Sempozyumu, Attendee, Adapazarı, Turkey, 1992

A.I. Shirov International Algebra Conference, Attendee, Barnaul, Russia, 1991

Baku International Topological Conference, Attendee, Bakü, Azerbaijan, 1989