

# Prof.Dr. Heybetkulu Mustafayev

## Kişisel Bilgiler

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## Eğitim Bilgileri

Doktora, Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, Azerbaycan 1979 - 1985  
Lisans, Bakü Devlet Üniversitesi, Fen Fakültesi, Matematik, Azerbaycan 1974 - 1979

## Yabancı Diller

İngilizce, B1 Orta

Rusça, B2 Orta Üstü

## Yaptığı Tezler

Doktora, Lokal kompakt gruplarda Banach cebirlerinin bazı problemleri, Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, 2007

Doktora, Vektör fonksiyoneller ve operatör uzaylarına olan uzaklığın değerlendirilmesi, Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, 1986

## Araştırma Alanları

Matematik, Fonksiyonel Analiz , Temel Bilimler

## Akademik Unvanlar / Görevler

Prof.Dr., Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Matematik , 2005 - Devam Ediyor

Doç.Dr., Van Yüzüncü Yıl Üniversitesi, Fen Fakültesi, Matematik, 1996 - 2004

Doç.Dr., Ondokuz Mayıs Üniversitesi, Fen Edebiyat Fakültesi, Matematik, 1992 - 1995

Doç.Dr., Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, 1989 - 1992

Yrd.Doç.Dr., Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, 1986 - 1989

Doktor, Azerbaycan Bilimler Akademisi, Matematik Ve Mekanik Enstitüsü, Matematik, 1979 - 1985

## Verdiği Dersler

Analiz II, Lisans, 2015 - 2016

Matematiksel Analizin Esasları, Doktora, 2015 - 2016

## Jüri Üyelikleri

Tez Savunma (Doktora), Tez savunma jürisi, Yüzüncü Yıl Üniversitesi, Ocak, 2015

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Convergence of iterates of convolution operators in L-P spaces**  
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Mustafayev H.  
JOURNAL OF FOURIER ANALYSIS AND APPLICATIONS, cilt.25, ss.393-426, 2019 (SCI İndekslerine Giren Dergi)
- **Some ergodic properties of multipliers on commutative Banach algebras**  
Mustafayev H., Topal H.  
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- **SOME CONVERGENCE THEOREMS IN FOURIER ALGEBRAS**  
Mustafayev H.  
BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY, cilt.96, ss.487-495, 2017 (SCI İndekslerine Giren Dergi)
- **Distance formulas in group algebras**  
Mustafayev H.  
Comptes Rendus Mathématique, cilt.354, ss.577-582, 2016 (SCI İndekslerine Giren Dergi)
- **Mixing type theorems for one-parameter semigroups of operators**  
Mustafayev H.  
Semigroup Forum, cilt.92, ss.311-334, 2016 (SCI İndekslerine Giren Dergi)
- **Growth conditions for conjugation orbits of operators on banach spaces**  
Mustafayev H.  
Journal of Operator Theory, cilt.74, ss.281-306, 2015 (SCI İndekslerine Giren Dergi)
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Mustafayev H.  
Glasgow Mathematical Journal, cilt.57, ss.665-680, 2015 (SCI İndekslerine Giren Dergi)
- **THE BEHAVIOR OF THE ORBITS OF POWER BOUNDED OPERATORS**  
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OPERATORS AND MATRICES, cilt.8, ss.975-997, 2014 (SCI İndekslerine Giren Dergi)
- **Differential inequalities in Lp-spaces**  
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Journal of Mathematical Analysis and Applications, cilt.411, ss.887-901, 2014 (SCI İndekslerine Giren Dergi)
- **The essential spectrum of the essentially isometric operator**  
Mustafayev H.  
Canadian Mathematical Bulletin, cilt.57, ss.145-158, 2014 (SCI İndekslerine Giren Dergi)
- **COMPACT OPERATORS IN THE COMMUTANT OF ESSENTIALLY NORMAL OPERATORS**  
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- **Difference Inequalities for the Groups and Semigroups of Operators on Banach Spaces**  
Mustafayev H.  
COMPLEX ANALYSIS AND OPERATOR THEORY, cilt.6, ss.1241-1267, 2012 (SCI İndekslerine Giren Dergi)
- **The Banach algebras generated by representations of abelian semigroups**  
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MONATSHEFTE FÜR MATHEMATIK, cilt.165, ss.413-432, 2012 (SCI İndekslerine Giren Dergi)
- **The norm spectrum in certain classes of commutative Banach algebras**  
Mustafayev H.  
Colloquium Mathematicum, cilt.123, ss.95-114, 2011 (SCI İndekslerine Giren Dergi)
- **Compact homomorphisms of regular banach algebras**  
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- **THE BANACH ALGEBRAS GENERATED BY OPERATORS WITH ONE-POINT SPECTRUM**  
Seferoglu H., Simsek N.

ACTA MATHEMATICA SCIENTIA, cilt.31, ss.673-680, 2011 (SCI İndekslerine Giren Dergi)

- **On the radicals of algebras generated by a contraction**

Mustafaev H.

FUNCTIONAL ANALYSIS AND ITS APPLICATIONS, cilt.44, ss.226-229, 2010 (SCI İndekslerine Giren Dergi)

- **Asymptotic behavior of polynomially bounded operators**

Mustafayev H.

COMPTEs RENDUS MATHÉMATIQUE, cilt.348, ss.517-520, 2010 (SCI İndekslerine Giren Dergi)

- **Local spectral properties of generators of C-0-groups and Bernstein type inequalities**

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- **Weakly compact homomorphisms of regular Banach algebras**

Mustafaev G. S.

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- **The behavior of the radical of the algebras generated by a semigroup of operators on Hilbert space**

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- **Dissipative operators on Banach spaces**

Mustafayev H.

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- **On the radical for some class of Banach algebras**

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- **Semisimplicity of some class of operator algebras on Banach space**

Mustafayev H.

INTEGRAL EQUATIONS AND OPERATOR THEORY, cilt.57, ss.235-246, 2007 (SCI İndekslerine Giren Dergi)

- **Generators of C-0-groups with smallest spectra**

Seferoglu H.

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- **A class of Banach algebras whose duals have the Radon-Nikodym property**

Mustafayev H.

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- **The Banach algebra generated by a contraction**

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- **The Banach algebra generated by a C-0-semigroup**

Mustafayev H.

COMPTEs RENDUS MATHÉMATIQUE, cilt.342, ss.575-578, 2006 (SCI İndekslerine Giren Dergi)

- **Almost periodic functionals on some class of Banach algebras**

Mustafayev H.

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- **On the discreteness of the structural space of weakly completely continuous Banach algebras**

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- **Functionals on Banach Algebras with Scattered Spectra**

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- **Compact elements of the algebras  $PM_p(G)$  and  $PF_p(G)$  of a locally compact group**

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- **A spectral mapping theorem for Banach modules**

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- **On some properties of deddens algebras**

Karaev M., Mustafayev H.

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- **Banach algebras with bounded groups of generators, and the Schur property**

Mustafaev G.

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- **Segal algebra as an ideal in its second dual space**

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- **A class of banach algebras whose duals have the schur property**

Mustafayev H., Ülger A.

Turkish Journal of Mathematics, cilt.23, ss.441-452, 1999 (SCI Expanded İndekslerine Giren Dergi)

- **Spectral mapping theorem for representations of measure algebras**

Seferoğlu H.

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- **On some property of elements of a Banach algebra which satisfy a polynomial growth condition**

Mustafayev H.

TURKISH JOURNAL OF MATHEMATICS, cilt.18, no.2, ss.174-182, 1996 (SCI Expanded İndekslerine Giren Dergi)

- **On semisimplicity of some operator algebras**

Mustafayev H.

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- **An estimate of the norms of inner derivation in some operator algebras**

Mustafaev G., Shul'man V.

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## Diğer Dergilerde Yayınlanan Makaleler

- **Some Convergence Theorems for Operator Sequences**

Mustafayev H.

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- **Operators Whose Conjugation Orbits Satisfy Polynomial Growth Conditions**

Mustafayev H.

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- **Convergence of iterates of convolution operators in Banach spaces**

Mustafayev H.

MATH. SCAND., cilt.-, 2019 (ESCI İndekslerine Giren Dergi)

- **Some convergence theorems for multipliers on commutative Banach algebras**

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- **Some spectral properties of multipliers on commutative Banach algebras**

Mustafayev H., BASHIROV N.

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- **On the spectra of multipliers on commutative Banach algebras**

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- **On the complete continuity of a class of Banach algebras**

Mustafayev H.

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- **Some inequalities in  $B(H)$**

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- **On the nontransitivity of a class of operator algebras.**

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Doklady. Natsional'naya Akademiya Nauk Azerbaidzhana. Reports. National Academy of Sciences of Azerbaijan, cilt.45, ss.7-9, 1989 (ESCI İndekslerine Giren Dergi)

- **Banach spaces with extreme L-points, and vector functionals.**

Mustafayev H.

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- **Distance estimation in the space of Toeplitz operators**

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Transactions of National Academy of Sciences of Azerbaijan. Series of Physical-Technical and Mathematical Sciences, cilt.6, ss.10-14, 1985 (ESCI İndekslerine Giren Dergi)

- **The essential commutant of the shift operator and estimation of distance**

Mustafayev H.

Transactions of National Academy of Sciences of Azerbaijan. Series of Physical-Technical and Mathematical Sciences, cilt.6, ss.15-19, 1985 (ESCI İndekslerine Giren Dergi)

- **Completeness of vector functionals**

Mustafayev H., Shulman V. S.

DOKLADY AKADEMII NAUK SSSR, cilt.280, ss.804-806, 1985 (ESCI İndekslerine Giren Dergi)

- **Some operator spaces having the property  $D_{uw}(1)$ .**

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## Atıflar

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