

## Prof. Suna SALTAN

### Personal Information

Email: sunasaltan@sdu.edu.tr

### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1998 - 2002

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1994 - 1997

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 1987 - 1993

### Research Areas

Mathematics, Differential Equations, Operators, Natural Sciences

### Academic Titles / Tasks

Professor, Suleyman Demirel University, Fen-Edebiyat, Matematik, 2017 - Continues

Associate Professor, Suleyman Demirel University, Fen-Edebiyat, Matematik, 2012 - 2017

Assistant Professor, Suleyman Demirel University, Fen-Edebiyat, Matematik, 2002 - 2012

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

- I. **ON THE INVERSE POWER INEQUALITY FOR THE BEREZIN NUMBER OF OPERATORS**  
Garayev M., SALTAN S., GUNDOGDU D.  
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.12, no.4, pp.997-1003, 2018 (Journal Indexed in SCI)
- II. **Description of invariant subspaces in terms of Berezin symbols**  
SALTAN S.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.6, pp.2926-2934, 2018 (Journal Indexed in SCI)
- III. **Hardy type inequality for reproducing Kernel Hilbert space operators and related problems**  
GARAYEV M. T. , GÜRDAL M., SALTAN S.  
POSITIVITY, vol.21, no.4, pp.1615-1623, 2017 (Journal Indexed in SCI)
- IV. **INVERSE PROBLEMS FOR THE STURM-LIOUVILLE EQUATION WITH THE DISCONTINUOUS COEFFICIENT**  
Nabiev A. A. , GÜRDAL M., SALTAN S.  
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.7, no.2, pp.559-580, 2017 (Journal Indexed in SCI)
- V. **On the weak limit of compact operators on the reproducing kernel Hilbert space and related questions**  
SALTAN S.  
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.24, no.2, pp.253-260, 2016 (Journal Indexed in SCI)
- VI. **dist-FORMULAS AND TOEPLITZ OPERATORS**  
GÜRDAL M., GARAYEV M. T. , SALTAN S., YAMANCI U.  
ANNALS OF FUNCTIONAL ANALYSIS, vol.6, no.1, pp.221-226, 2015 (Journal Indexed in SCI)
- VII. **Generators of certain function Banach algebras and related questions**

GÜRDAL M., SALTAN S., YAMANCI U.

Applied Mathematics and Information Sciences, vol.9, no.1, pp.85-88, 2015 (Journal Indexed in SCI Expanded)

- VIII. **Generators of certain function Banach algebras and related questions**  
GÜRDAL M., YAMANCI U., SALTAN S.  
APPLIED MATHEMATICS & INFORMATION SCIENCES, vol.9, no.1, pp.85-88, 2015 (Journal Indexed in SCI Expanded)
- IX. **Some concrete operators and their properties**  
GÜRDAL M., Garayev M. T., SALTAN S.  
TURKISH JOURNAL OF MATHEMATICS, vol.39, no.6, pp.970-989, 2015 (Journal Indexed in SCI)
- X. **Characterization of the scattering data for the Sturm-Liouville operator**  
Nabiev A., SALTAN S., Guerdal M.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.37, no.17, pp.2626-2637, 2014 (Journal Indexed in SCI)
- XI. **BASISITY PROBLEM AND WEIGHTED SHIFT OPERATORS**  
GÜRDAL M., GARAYEV M. T., SALTAN S.  
ACTA MATHEMATICA SCIENTIA, vol.34, no.5, pp.1655-1660, 2014 (Journal Indexed in SCI)
- XII. **Discrete Duhamel product, restriction of weighted shift operators and related problems**  
KARAEV M. T., SALTAN S., KUNT T.  
NEW YORK JOURNAL OF MATHEMATICS, vol.20, pp.831-843, 2014 (Journal Indexed in SCI)
- XIII. **MAXIMAL IDEAL SPACE OF SOME BANACH ALGEBRAS AND RELATED PROBLEMS**  
SALTAN S., OZEL Y.  
BANACH JOURNAL OF MATHEMATICAL ANALYSIS, vol.8, no.2, pp.16-29, 2014 (Journal Indexed in SCI)
- XIV. **On Some Applications of a Special Integrodifferential Operators**  
SALTAN S., Ozel Y.  
JOURNAL OF FUNCTION SPACES AND APPLICATIONS, 2012 (Journal Indexed in SCI)
- XV. **Some applications of Banach algebra techniques**  
KARAEV M., GÜRDAL M., SALTAN S.  
MATHEMATISCHE NACHRICHTEN, vol.284, no.13, pp.1678-1689, 2011 (Journal Indexed in SCI)
- XVI. **Spectral multiplicities of some operators**  
SALTAN S., GÜRDAL M.  
COMPLEX VARIABLES AND ELLIPTIC EQUATIONS, vol.56, no.6, pp.513-520, 2011 (Journal Indexed in SCI)
- XVII. **Ideal convergence in 2-normed spaces**  
Şahiner A., Guerdal M., Saltan S., GUNAWAN H.  
TAIWANESE JOURNAL OF MATHEMATICS, vol.11, no.5, pp.1477-1484, 2007 (Journal Indexed in SCI)
- XVIII. **Fuzzy logic modeling of deflection behavior against dynamic loading in flexible pavements**  
Saltan M., Saltan S., Sahiner A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.21, no.7, pp.1406-1414, 2007 (Journal Indexed in SCI)
- XIX. **Spectral analysis of nonselfadjoint Schrodinger operators with a matrix potential**  
SALTAN S., Allahverdiev B.  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.303, no.1, pp.208-219, 2005 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **On some numerical characteristics of operators**  
GÜRDAL M., Garayev M., SALTAN S., YAMANCI U.  
Arab Journal of Mathematical Sciences, vol.21, no.1, pp.118-126, 2015 (Refereed Journals of Other Institutions)
- II. **AI-statistical convergence with respect to a sequence of modulus functions**  
YAMANCI U., GÜRDAL M., SALTAN S.  
CONTEMPORARY ANALYSIS AND APPLIED MATHEMATICS, vol.2, no.1, pp.136-145, 2014 (Journal Indexed in ESCI)

- III. **AI-statistical convergence with respect to a sequence of modulus functions**  
YAMANCI U., GÜRDAL M., SALTAN S.  
CONTEMPORARY ANALYSIS AND APPLIED MATHEMATICS, vol.2, no.1, pp.136-145, 2014 (Journal Indexed in ESCI)
- IV. **AI-statistical convergence with respect to a sequence of modulus functions**  
YAMANCI U., GÜRDAL M., SALTAN S.  
CONTEMPORARY ANALYSIS AND APPLIED MATHEMATICS, vol.2, no.1, pp.136-145, 2014 (Journal Indexed in ESCI)
- V. **On the Solvability of Some System of Integro Differential Equations**  
SALTAN S., ACAR S.  
Journal of Mathematical Sciences: Advances and Applications, vol.5, no.1, pp.85-92, 2010 (Refereed Journals of Other Institutions)
- VI. **A Banach algebra structure for the Wiener algebra of the disc**  
SALTAN S., MÜBARİZ T K.  
Complex Variables, vol.50, no.4, pp.299-305, 2005 (Refereed Journals of Other Institutions)
- VII. **Some results on Berezin symbols**  
MÜBARİZ T K., SALTAN S.  
Complex Variables, vol.50, no.3, pp.185-193, 2005 (Refereed Journals of Other Institutions)
- VIII. **Structural Analysis of Flexible Pavements Using Artificial Neural Network**  
SALTAN M., TIĞDEMİR M., SALTAN S.  
Institute of Mathematics & Computer Sciences, vol.11, no.1, 2000 (Refereed Journals of Other Institutions)

### **Refereed Congress / Symposium Publications in Proceedings**

- I.  **$A^{\{I\}}$ -statistical convergence with respect to a sequence of modulus functions**  
YAMANCI U., GÜRDAL M., SALTAN S.  
The Algerian-Turkish International days on Mathematics, İstanbul, Turkey, 12 September 2013 - 14 September 2014, pp.94
- II.  **$A^{\{I\}}$ -statistical convergence with respect to a sequence of modulus functions**  
YAMANCI U., GÜRDAL M., SALTAN S.  
The Algerian-Turkish International days on Mathematics, İstanbul, Turkey, 12 September 2013 - 14 September 2014, pp.94
- III. **Berezin symbols, Riccati operator equations and related questions**  
MÜBARİZ T K., GÜRDAL M., SALTAN S., YAMANCI U.  
4th International Conference on Matrix Analysis and Applications, Konya, Turkey, 2 - 05 July 2013, pp.18
- IV. **Discrete Duhamel Product Restricted Weighted Shift Operators and Related Problems**  
SALTAN S., KUNT T.  
1st International Western Balkans Conference of Mathematical Sciences, 30 May - 01 June 2013
- V. **ome results for some Volterra composition operators and hardy operators**  
GÜRDAL M., SALTAN S.  
Proceedings book of the first international western balkan conference of mathematical sciences, 30 May - 01 June 2013, vol.124
- VI. **Some results for some Volterra composition operators and hardy operators**  
GÜRDAL M., SALTAN S.  
1st International Western Balkans Conference of Mathematical Sciences,, Elbasan, Albania, 30 May - 01 June 2013, pp.124-130
- VII. **Blaschke sequences, Berezin symbols and related problems**  
KARAEV M. T. , GÜRDAL M., SALTAN S., YAMANCI U.  
1st International Western Balkans Conference of Mathematical Sciences, Elbasan, Albania, 30 May - 01 June 2013, pp.72-73
- VIII. **Commutant Cyclic Vectors and Extended Eigenvectors of some Volterra Composition Operators and Hardy Operators**

GÜRDAL M., SALTAN S.

1 st International Western Balkans Conference of Mathematical Sciences, Elbasan, Albania, 30 May - 01 June 2013, pp.48

- IX. **Basisity problem and weighted shift operators**  
SALTAN S., MÜBARİZ T K., GÜRDAL M.  
The Algerian-Turkish International days on Mathematics (ATIM-2012), Annaba, Algeria, 9 - 11 October 2012, pp.91
- X. **Some results on dist-formulas, Toeplitz operators and Berezin symbols**  
GÜRDAL M., MÜBARİZ T K., SALTAN S., YAMANCI U.  
1st International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012), Prishtine, Kosova, 3 - 07 September 2012, pp.65-66
- XI. **On the inverse scattering problem for the discontinuous Sturm-Liouville equation with a step-like potential**  
ADİLOĞLU A., SALTAN S., GÜRDAL M.  
International Conference in honor of Vladimir A. Marchenko's 90 th birthday, Kharkiv, Ukraine, 20 - 24 August 2012, pp.78
- XII. **Generators of Certain Function Banach Algebras and Related Questions**  
GÜRDAL M., YAMANCI U., SALTAN S.  
International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Greece, 19 - 25 September 2012, vol.1479, pp.954-956
- XIII. **On Some Applications of a Special Integro differential Operators**  
SALTAN S., MALLI Y.  
International Congress in Honour of Prof.H.M.Srivastava, 26 - 28 May 2010
- XIV. **On the Solvability of Some System of Integro Differential Equations**  
SALTAN S., ACAR S.  
XXII. Ulusal Matematik sempozyumu, Turkey, 9 - 11 September 2009
- XV. **On Sequence spaces with Ideal Structures**  
Şahiner A., SALTAN S., ADİLOĞLU A.  
IX ST.Petersburg Interregional Conference, Saint-Petesburg, Russia, 22 - 24 June 2004, pp.377-380
- XVI. **The Existence of The Jost Solutions of Matrix-Polynomial Pencil of Sturm-Liouville equation**  
SALTAN S., ADİLOĞLU A., Şahiner A.  
IX ST.Petersburg Interregional Conference, Saint-Petesburg, Russia, 22 - 24 June 2004, pp.386-390
- XVII. **Statistical limit points in 2-Normed spaces**  
GÜRDAL M., ŞAHİNER A., SALTAN S.  
MathTools'2004 : Computer Modelling of Dynamical Systems WorkShop, Saint-Petesburg, Russia, 17 - 20 June 2004, pp.11
- XVIII. **Fuzzy Logic Modeling of Deflection Behavior Against Dynamic Loading in Flexible Pavements**  
SALTAN M., SALTAN S., ŞAHİNER A.  
MathTools'2004 : Computer Modelling of Dynamical Systems WorkShop, 1 - 04 June 2004
- XIX. **S Statistical Limit Points in 2 Normed Spaces**  
GÜRDAL M., ŞAHİNER A., SALTAN S.  
MathTools'2004 : Computer Modelling of Dynamical Systems WorkShop, 1 - 04 June 2004
- XX. **Maksimal Disipatif Schrödinger Operatörünün Spektral Analizi**  
PAŞAOĞLU B., SALTAN S.  
XV. Ulusal Matematik Sempozyumu, Turkey, 4 - 06 September 2002
- XXI. **Kendine Eş Olamayan Singüler Sturm Liouville Operatörünün İncelenmesi**  
PAŞAOĞLU B., SALTAN S.  
XIV. Ulusal Matematik Sempozyumu, Turkey, 25 - 27 September 2001

## Citations

Total Citations (WOS):126

h-index (WOS):5