



PROF. SEVİLAY KIRCI SERENBAY

Kişisel Bilgiler

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Birimi : Topoloji

Dahili : 3595

Makaleler (YOKSIS)

- 1**
Approximation Properties of The Nonlinear Jain Operators
KIRCI SERENBAY SEVİLAY, DALMANOĞLU ÖZGE, ACAR ECEM
Mathematical Sciences and Applications E-Notes, <https://dergipark.org.tr/en/download/article-file/1928986>
- 2**
Analyzing Convergence of Fuzzy Numbers Using Generalized Max-Product Bernstein-Chlodowsky Operators on Compact Intervals
KIRCI SERENBAY SEVİLAY, Yaseen Majeed Saleem
Xiyu Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering, https://scholar.google.com/citations?view_op=view_citation&hl=tr&user=Vv1DBvcAAAAJ&sortby=pubdate&citation_for_view=Vv1DBvcAAAAJ:isC4tDSrTZIC
- 3**
APPROXIMATION BY NONLINEAR q -BERNSTEIN-CHLODOWSKY OPERATORS
ACAR ECEM, KIRCI SERENBAY SEVİLAY
TWMS J. App. and Eng. Math, <https://belgelik.isikun.edu.tr/xmlui/handle/iubelgelik/5847>
- 4**
APPROXIMATION FOR THE BERNSTEIN OPERATOR OF MAX-PRODUCT KIND IN SYMMETRIC RANGE
ACAR ECEM, KARAHAN DÖNE, KIRCI SERENBAY SEVİLAY
Khayyam J. Math., <https://iranjournals.nlai.ir/bitstream/handle/123456789/47161/1156F661E696796E62D98363C21FED26.pdf?sequence=-1>
- 5**
Approximation by a generalization of the Jakimovski -Leviatan operators
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FILOMAT,
- 6**
Approximation by a generalized Szász type operator for functions of two variables
Çetin Nursel, Kirci Serenbay Sevilay, Atakut Çiğdem
Miskolc Mathematical Notes,

7 Approximation by Chlodowsky Taylor polynomials

Ertan Ibikli,Sevilay Serenbay

Applied Mathematics and Computation,

8 Approximation by Chlodowsky type Jakimovski Leviatan operators

BÜYÜKYAZICI İBRAHİM, TANBERKAN HANDE, KIRCI SERENBAY SEVİLAY, ATAKUT ÇİĞDEM

J. Comput. Appl. Math.,

9 Approximation by Chlodowsky type q Jakimovski Leviatan operators

DALMANOĞLU ÖZGE,KIRCI SERENBAY SEVİLAY

Commun. Fac. Sci. Univ. Ank. Ser. A1.,

10 Approximation by complex Chlodowsky-Szasz-Durrmeyer operators in compact disks

İZGİ AYDIN, KIRCI SERENBAY SEVİLAY

CREATIVE MATH. INF.,https://www.creative-mathematics.cunbm.utcluj.ro/wp-content/uploads/2020_vol_29_1/creative_2020_29_1_37_44_abstract.pdf

11 Approximation by generalized complex Szász–Mirakyan operators in compact disks

KARAHAN DÖNE,KIRCI SERENBAY SEVİLAY,İZGİ AYDIN

TURKISH JOURNAL OF MATHEMATICS,<http://online.journals.tubitak.gov.tr/openDoiPdf.htm?mKodu=mat-1903-52>

12 Approximation by max-product Balázs-Szabados operators

KARAHAN DÖNE, İZGİ AYDIN, KIRCI SERENBAY SEVİLAY

Journal of the Ramanujan Mathematical Society,<http://www.mathjournals.org/jrms/2022-037-001/2022-037-001-003.html>

13 Approximation by nonlinear Bernstein-Chlodowsky operators of Kantorovich type

ACAR ECEM, ÖZALP GÜLLER ÖZGE, KIRCI SERENBAY SEVİLAY

Filomat,<https://www.pmf.ni.ac.rs/filomat-content/2023/37-14/37-14-10-19059.pdf>

14 Approximation by nonlinear Meyer-König and Zeller operators based on q -integers

ACAR ECEM,GÜLLER ÖZGE,KIRCI SERENBAY SEVİLAY

International Journal of Mathematics and Computer in Engineering,<https://intapi.sciendo.com/pdf/10.2478/ijmce-2024-0016>

15 Approximation in Weighted Space with Generalized Max-Product Type Favard-Szász-Mirakyan-Durrmeyer Operators

ALSATTUF NASAN,KIRCI SERENBAY SEVİLAY

INTERNATIONAL JOURNAL OF LATEST TECHNOLOGY IN ENGINEERING, MANAGEMENT & APPLIED SCIENCE,<https://doi.org/10.51583/IJLTEMAS.2024.131025>

16 Approximation of modified Favard Szasz-Mirakyan operators of maximum-product type*

KIRCI SERENBAY SEVİLAY, BARUĞ FAHRİ

Bulletin of Pure & Applied Sciences- Mathematics and Statistics,<http://dx.doi.org/10.5958/2320-3226.2021.00006.0>

17 Approximation properties for generalized Baskakov type operators

ATAKUT ÇİĞDEM, BÜYÜKYAZICI İBRAHİM, KIRCI SERENBAY SEVİLAY

- 17 Mathematical Sciences,<http://www.iaumath.com/content/7/1/21>
- 18 **Approximation Properties of Baskakov Balazs Type Operators for Functions of Two Variables**
BÜYÜKYAZICI İBRAHİM,ATAKUT ÇİĞDEM,KIRCI SERENBAY SEVİLAY
Miskolc Mathematical Notes,
- 19 **Approximation properties of king type Szász-Mirakyan and Durrmeyer-Chlodowsky operators**
ACAR ECEM, KIRCI SERENBAY SEVİLAY, İZGİ AYDIN
Nonlinear Studies,<http://www.nonlinearstudies.com/index.php/nonlinear/article/view/1979>
- 20 **Approximation properties of the univariate and bivariate Bernstein-Stancu operators of max-product kind**
YEŞİLNACAR BİNMAR AYŞE KÜBRA,ACAR ECEM,KIRCI SERENBAY SEVİLAY
Communications Faculty Of Science University of Ankara Series A1Mathematics and Statistics,<https://doi.org/10.31801/cfsuasmas.1452069>
- 21 **Approximation Theorems for Kantorovich type Favard Szasz operators based on q integers**
DALMANOĞLU ÖZGE,KIRCI SERENBAY SEVİLAY
Southeast AsianBulletin ofMathematics,
- 22 **Approximation theorems for Kantorovich type Lupaş-Stancu operators based on q-integers**
KIRCI SERENBAY SEVİLAY, DALMANOĞLU ÖZGE
Journal of Numerical Analysis and Approximation Theory,<http://dx.doi.org/10.33993/jnaat461-1108>
- 23 **Coefficient bounds for certain subclasses of starlike functions of complex order**
H.M. Srivastava,Osman Altıntaş,Sevilay Kırıcı
Applied Mathematics Letters,
- 24 **Fatou type weighted pointwise convergence of nonlinear singular integral operators depending on two parameters**
UYSAL GÜMRAH,KIRCI SERENBAY SEVİLAY
MATEC Web of Conferences,
- 25 **Fuzzy Logic Control Automation for Traffic Signalization System**
KIRCI SERENBAY SEVİLAY, ACAR ECEM
European Journal of Science and Technology,<http://dx.doi.org/10.31590/ejosat.1012557>
- 26 **İki Parametreye Bağlı Singüler İntegrallerin Yaklaşım Özellikleri**
KIRCI SERENBAY SEVİLAY
Sakarya University Faculty of Art and Science The Journal of Art and Science,.
- 27 **King Type Modification of Bernstein Chlodowsky Operators Based on q Integers**
KIRCI SERENBAY SEVİLAY,DALMANOĞLU ÖZGE
RECENT RESEARCHES in APPLIEDMATHEMATICS, SIMULATION andMODELLING,
- 28 **Max-product for the q-Bernstein-Chlodowsky operators**
ÖZALP GÜLLER ÖZGE, Cattani Carlo, ACAR ECEM, KIRCI SERENBAY SEVİLAY

- 28 Filomat, https://www.researchgate.net/profile/Oezge-Gueller/publication/369203508_Max-product_for_the_q-Bernstein-Chlodowsky_operators/links/64104fac315dfb4cce7cd2e3/Max-product-for-the-q-Bernstein-Chlodowsky_operators.pdf
- 29 **Nonlinear Bivariate Bernstein–Chlodowsky Operators of Maximum Product Type**
ÖZALP GÜLLER ÖZGE, ACAR ECEM, KIRCI SERENBAY SEVİLAY
Hindawi Limited, <http://dx.doi.org/10.1155/2022/4742433>
- 30 **NOTE ON APPROXIMATION OF TRUNCATED BASKAKOV OPERATORS**
ACAR ECEM, KIRCI SERENBAY SEVİLAY, Yaseen Majeed Saleem
Proceedings of International Mathematical Sciences, <http://dx.doi.org/10.47086/pims.1362142>
- 31 **Note On Jakimovski-Leviatan Operators Preserving e^{-x}**
ACAR ECEM, İZGİ AYDIN, KIRCI SERENBAY SEVİLAY
Applied Mathematics and Nonlinear Sciences, <https://dialnet.unirioja.es/servlet/articulo?codigo=7188095>
- 32 **On approximation by truncated max-product Baskakov operators of fuzzy numbers**
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FILOMAT, <https://doi.org/10.2298/FIL2408965M>
- 33 **On singular integrals depending on three parameters**
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Applied Mathematics and Computation,
- 34 **Polynomial Weighted Approximation by Szász-Mirakyan Operators of Max-Product Type**
ACAR ECEM, HOLHOŞ ADRIAN, KIRCI SERENBAY SEVİLAY
Kragujevac Journal of Mathematics, https://imi.pmf.kg.ac.rs/kjm/pdf/accepted-finished/4b9ccf328a08222587f008dbaba45232_2536_05112022_012230/kjm_49_3-3.pdf
- 35 **RATE OF CONVERGENCE FOR GENERALIZED BASKAKOV TYPE OPERATORS WITH DERIVATIVES OF BOUNDED VARIATION**
KIRCI SERENBAY SEVİLAY, DİDEM AYDIN ARI
Asian Journal of Mathematics and Computer Research,
- 36 **Rate of Convergence for Generalized Szász-Mirakyan operators in exponential weighted spaces**
KIRCI SERENBAY SEVİLAY, DALMANOĞLU ÖZGE
Applications and Applied Mathematics: An International Journal (AAM), <https://digitalcommons.pvamu.edu/aam/vol12/iss2/16>
- 37 **Rate of convergence in Sobolev Space**
KIRCI SERENBAY SEVİLAY, TANBERKAN HANDE
ejpam,.
- 38 **Some new theorems on the approximation of maximum product type of multivariate nonlinear Bernstein–Chlodowsky operators**
ÖZALP GÜLLER ÖZGE, ACAR ECEM, KIRCI SERENBAY SEVİLAY
Advances in Operator Theory, <https://link.springer.com/article/10.1007/s43036-022-00191-4>
- 39 **Some weighted approximation properties of nonlinear double integral operators**

- 39 UYSAL GÜMRAH, NARAYAN MISHRA VISHNU, KIRCI SERENBAY SEVİLAY
Korean Journal of Mathematics,<http://journal.kkms.org/index.php/kjm/article/view/660>
- 40 **The Convergence of Family of Integral Operators with Positive Kernel**
KIRCI SERENBAY SEVİLAY
Int.Journal of Math. Analysis,.
- 41 **The Convergence of Family of Integral Operators with Positive Kernel in L_p Space**
Sevilay Kirci Serenbay, Mine Menekşe Yılmaz, Ertan İbikli
Journal of Computational and Applied Mathematics,
- 42 **The generalized Baskakov type operators**
KIRCI SERENBAY SEVİLAY, ATAKUT ÇİĞDEM, BÜYÜKYAZICI İBRAHİM
J. Comput. Appl. Math.,

Bildiriler (YOKSIS)

- 1 **A Comprehensive Study on Fuzzy Numbers and Truncated Maximum Product Operators**
KIRCI SERENBAY SEVİLAY
2nd International Conference on Trends in Advanced Research ICTAR 2024 November ,
https://drive.google.com/file/d/1bSqNYppHZWY1-G_dGYH3XlkDN9ReopoR/view
- 2 **A Generalization of the Bernstein Chlodowsky Polynomials**
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24. ULUSAL MATEMATİK SEMPOZYUMU ,
- 3 **AN APPROACH AND APPLICATION FOR AUTOMATION WITH FUZZY LOGIC**
KIRCI SERENBAY SEVİLAY, ACAR ECEM
ISFAS-2021 , <https://ekitap.atauni.edu.tr/index.php/product/1st-international-symposium-on-recent-advances-in-fundamental-and-applied-sciences-isfas-2021-abstract-and-full-text-symposium-book/>
- 4 **APPROXIMATION BY GENERALIZED COMPLEX SZÁSZ-MIRAKYAN OPERATORS IN COMPACT DISK**
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INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS ,
- 5 **APPROXIMATION OF FUZZY NUMBERS BY MODIFIED FAVARD-SZASZ-MIRAKYAN OPERATORS OF MAX-PRODUCT**
KIRCI SERENBAY SEVİLAY
7th INTERNATIONAL AEGEAN CONFERENCES ,
https://www.aegeanconference.com/_files/ugd/614b1f_8dd6121038684370a4f566738e35cc58.pdf
- 6 **APPROXIMATION OF GENERALIZED BLEIMANN-BUTZERHAHN OPERATOR OF MAXIMUM-PRODUCT TYPE**
KIRCI SERENBAY SEVİLAY, HACBEDRAN ALAHMAD ALDHEFEERY Ala
EGE 10. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ , <https://www.egekongresi.org/kongre-kitaplari>
- 7 **APPROXIMATION OF MODIFIED BERNSTEIN-STANCU OPERATORS OF MAXIMUM-PRODUCT TYPE**

- 7 KIRCI SERENBAY SEVİLAY, YAVUZ Hasan
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- 8 **Approximation and Shape Preserving Properties of the Jain operators of max-product kind**
KIRCI SERENBAY SEVİLAY, DALMANOĞLU ÖZGE
Computational Methods and Function Theory 2017 , <http://cmft2017.umcs.lublin.pl/wp-content/uploads/2017/07/cmft2017.pdf>
- 9 **Approximation by a generalized Szasz type operator for functions of two variables**
Nursel Çetin, Sevilay Kirci Serenbay, Çiğdem Atakut
ICCAM 2012 ,
- 10 **Approximation by Chlodowsky type Baskakov operators**
KIRCI SERENBAY SEVİLAY, AYDIN ARI DİDEM
V Jaen Conference on Approximation Theory ,
- 11 **Approximation by Chlodowsky type Jakimovski Leviatan operators**
İbrahim Büyükyazıcı, Hande Tanberkan, Sevilay Kirci Serenbay, Çiğdem Atakut
ICCAM 2012 ,
- 12 **Approximation by Chlodowsky Type q Jakimovski Leviatan Operators**
Dalmanoğlu Özge, KIRCI SERENBAY Sevilay
ICRAPAM 2014 ,
- 13 **Approximation of functions with two variables in Sobolev space L_p**
Sevilay Serenbay, Hande Tanberkan
ICCAAA 2011 ,
- 14 **BIVARIATE MAX-PRODUCT BERNSTEIN-CHLODOWSKY OPERATORS**
KIRCI SERENBAY SEVİLAY
IFSCOM 2021 , <http://ifscom.com/>
- 15 **Bivariate Max-Product Bleimann–Butzer–Hahn Operators**
KIRCI SERENBAY SEVİLAY, İZGİ AYDIN, SERENBAY Gökhan
ICOM 2021 , <http://icomath.com/index.php?target=sayfalar&id=18#primary>
- 16 **CHLODOWSKY TAYLOR POLİNOMLARI İLE YAKINSAKLIK HIZI**
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5. ANKARA MATEMATİK GÜNKLERİ ,
- 17 **Fatou type weighted pointwise convergence of nonlinear singular integral operators depending on two parameters**
UYSAL GÜMRAH, KIRCI SERENBAY SEVİLAY
ICNSAM2016 ,
- 18 **Genelleştirilmiş Bernstein Chlodowsky polinomları üzerine**
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- 18 XXIV. ULUSAL MATEMATİK SEMPOZYUMU ,
- 19 **İKİ DEĞİŞKENLİ MAXIMUM ÇARPIM TİPİ BERNSTEIN-STANCU OPERATÖRÜ**
KIRCI SERENBAY SEVİLAY, BİNMAR Ayşe Kübra
EGE 7th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES ,
https://www.egekongresi.org/_files/ugd/797a84_6103cf64d2f44131ad244706e09d4b3b.pdf
- 20 **İki paramatreli singüler integral operatör ailesinin ve türevinin yaklaşım özellikleri**
Sevilay Kirci Serenbay
ANKARA MATEMATİK GÜNLERİ ,
- 21 **Küresel Geometri**
Ayhan Aksoy, Sevilay Kirci Serenbay, Şeyda Kılıçoğlu
8. Matematik Sempozyumu ,
- 22 **MAKSİMUM ÇARPIM TİPİNDE SZASZ-DURRMEYER OPERATÖRÜ**
ALSATTUF NASAN, KIRCI SERENBAY SEVİLAY
3. BİLSEL INTERNATIONAL EFES SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS 22 MARCH, 2024 İZMİR/TÜRKİYE ,
<https://bilselkongreleri.com/panel/uploads/kongreprogrami/3406083452.pdf>
- 23 **MODIFIED FAVARD SZASZ MIRAKYAN OPERATORS**
KIRCI SERENBAY SEVİLAY, TAŞKESEN SALİHA
İZDAŞ KONGRE ,
- 24 **On Convergence of Singular Integral Operators Depending on Three Parameters**
Sevilay Kirci Serenbay, Özge Dalmanoğlu, Ertan İbikli
14th International Conference Approximation Theory ,
- 25 **On convergence of singular integral operators depending on three parameters with radial kernel**
Mine Menekşe Yılmaz, Sevilay Kirci Serenbay, Ertan İbikli
International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary at ,
- 26 **On the Lupaş q-analogue of the Bernstein operators of max product kind**
DALMANOĞLU ÖZGE, KIRCI SERENBAY SEVİLAY
Computational Methods and Function Theory 2017 , <http://cmft2017.umcs.lublin.pl/wp-content/uploads/2017/07/cmft2017.pdf>
- 27 **On the rate of convergence of modified Baskakov type operators**
KIRCI SERENBAY SEVİLAY
V Jaen Conference on Approximation Theory ,
- 28 **Rate of Convergence for Generalized Baskakov Type Operators with Derivatives of Bounded Variation**
Sevilay Kirci Serenbay
14th International Conference Approximation Theory ,
- 29 **Rate of Convergence for Generalized Szasz Mirakyan Operators in Exponential Weighted Space**
KIRCI SERENBAY SEVİLAY, DALMANOĞLU ÖZGE

- 29 MIA 2015 ,
- 30 **Rate of convergence for new type Baskakov operators**
Sevilay Kirci Serenbay
ICAAMM2013 ,
- 31 **Rate of Convergence of Generalized Favard Szasz Type Operators**
KIRCI SERENBAY SEVİLAY
ICRAPAM 2014 ,
- 32 **SPECIAL FUNCTIONS AND APPLICATIONS**
KIRCI SERENBAY SEVİLAY,DİDEM AYDIN ARI
SIAM ,
- 33 **The convergence of family of integral operators in L_p space with positive kernel**
Sevilay Kirci Serenbay,Mine Menekşe Yılmaz,Ertan İbikli
ICCAM 2009 ,
- 34 **The Generalized Baskakov type Operators with derivative**
Sevilay Kirci Serenbay,Ertan İbikli,İbrahim Büyükyazıcı
ICCAM 2012 ,
- 35 **The Study on the Effects of Educational Computer Games on 5th Grade Students'xx Success, Attitudes and Metacognitive Skills**
Dündar Berfin,YİĞİTCAN NAYİR ÖZGE,KIRCI SERENBAY SEVİLAY
Internationsl Conference on Mathematics and Mathematics Education ,
- 36 **ÜÇ PARAMETREYE BAĞLI SİNGÜLER İNTEGRALLER**
Mine Menekşe Yılmaz,Sevilay Kirci Serenbay,Ertan İbikli
5. ankara matematik günleri ,
- 37 **WEIGHTED APPROXIMATION BY NONLINEAR DOUBLE SINGULAR INTEGRAL OPERATORS**
UYSAL GÜMRAH,KIRCI SERENBAY SEVİLAY,İBİKLİ ERTAN
ICAA 2016 ,