

Oktaý Duman

List of Publications by Year in descending order

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89
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91
all docs

91
docs citations

91
times ranked

315
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Regular summability methods in the approximation by max-min operators. <i>Fuzzy Sets and Systems</i> , 2022, 426, 106-120. | 2.7 | 5 |
| 2 | Approximation to integrable functions by modified complex Shepard operators. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 512, 126161. | 1.0 | 4 |
| 3 | General Summability Methods in the Approximation by Bernstein-Chlodovsky Operators. <i>Numerical Functional Analysis and Optimization</i> , 2021, 42, 497-509. | 1.4 | 3 |
| 4 | Nonlinear approximation in N-dimension with the help of summability methods. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1. | 1.2 | 2 |
| 5 | Complex Shepard Operators and Their Summability. <i>Results in Mathematics</i> , 2021, 76, 1. | 0.8 | 6 |
| 6 | Approximation by nonlinear integral operators via summability process. <i>Mathematische Nachrichten</i> , 2020, 293, 430-448. | 0.8 | 12 |
| 7 | Approximation by max-min operators: A general theory and its applications. <i>Fuzzy Sets and Systems</i> , 2020, 394, 146-161. | 2.7 | 12 |
| 8 | Modified neural network operators and their convergence properties with summability methods. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1. | 1.2 | 6 |
| 9 | Solutions to conjectures on a nonlinear recursive equation. , 2020, 70, 867-880. | | 0 |
| 10 | Summability on Mellin-type nonlinear integral operators. <i>Integral Transforms and Special Functions</i> , 2019, 30, 492-511. | 1.2 | 11 |
| 11 | Hardy-Type Tauberian Conditions on Time Scales. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1. | 0.8 | 1 |
| 12 | Korovkin theorems on weighted spaces: revisited. <i>Periodica Mathematica Hungarica</i> , 2017, 75, 201-209. | 0.9 | 24 |
| 13 | Fundamental properties of statistical convergence and lacunary statistical convergence on time scales. <i>Filomat</i> , 2017, 31, 4455-4467. | 0.5 | 14 |
| 14 | Nonlinear Approximation: q-Bernstein Operators of Max-Product Kind. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 33-56. | 0.6 | 1 |
| 15 | A summability process on Baskakov-type approximation. <i>Periodica Mathematica Hungarica</i> , 2016, 72, 186-199. | 0.9 | 8 |
| 16 | Smoothness Properties of Modified Bernstein-Kantorovich Operators. <i>Numerical Functional Analysis and Optimization</i> , 2016, 37, 92-105. | 1.4 | 25 |
| 17 | Singular approximation in polydiscs by summability process. <i>Positivity</i> , 2016, 20, 663-676. | 0.7 | 1 |
| 18 | Summability Process by Mastroianni Operators and Their Generalizations. <i>Mediterranean Journal of Mathematics</i> , 2015, 12, 21-35. | 0.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Nonlinear Bernstein-type operators providing a better error estimation. Miskolc Mathematical Notes, 2014, 15, 393. | 0.6 | 1 |
| 20 | Summability process by singular operators. Publicationes Mathematicae, 2014, 85, 373-386. | 0.2 | 0 |
| 21 | Advances in Applied Mathematics and Approximation Theory. Springer Proceedings in Mathematics and Statistics, 2013, , . | 0.2 | 8 |
| 22 | Generalization of Statistical Korovkin Theorems. Journal of Applied Mathematics, 2013, 2013, 1-5. | 0.9 | 1 |
| 23 | Convergence methods on time scales. AIP Conference Proceedings, 2013, , . | 0.4 | 10 |
| 24 | Statistical Convergence on Timescales and Its Characterizations. Springer Proceedings in Mathematics and Statistics, 2013, , 57-71. | 0.2 | 13 |
| 25 | Statistical Approximation by Double Poisson-Cauchy Singular Integral Operators. Results in Mathematics, 2012, 62, 53-65. | 0.8 | 2 |
| 26 | Ideal Convergence of k -Positive Linear Operators. Journal of Function Spaces and Applications, 2012, 2012, 1-12. | 0.5 | 2 |
| 27 | Approximation properties of real and complex Post-Widder operators based on q -integers. Miskolc Mathematical Notes, 2012, 13, 581. | 0.6 | 2 |
| 28 | Approximate Fuzzy Continuity of Functions. International Journal of Fuzzy System Applications, 2011, 1, 37-46. | 0.7 | 1 |
| 29 | Statistical Korovkin-type theory for matrix-valued functions. Studia Scientiarum Mathematicarum Hungarica, 2011, 48, 489-508. | 0.1 | 1 |
| 30 | Statistical approximation properties of high order operators constructed with the Chan-Chyan-Srivastava polynomials. Applied Mathematics and Computation, 2011, 218, 1927-1933. | 2.2 | 8 |
| 31 | A Voronovskaya-type formula for SMK operators via statistical convergence. Mathematica Slovaca, 2011, 61, . | 0.6 | 4 |
| 32 | Approximations by linear operators in spaces of fuzzy continuous functions. Positivity, 2011, 15, 57-72. | 0.7 | 3 |
| 33 | Local Approximation Properties of Modified Baskakov Operators. Results in Mathematics, 2011, 59, 1-11. | 0.8 | 2 |
| 34 | Statistical approximation by double complex Gauss-Weierstrass integral operators. Applied Mathematics Letters, 2011, 24, 438-443. | 2.7 | 2 |
| 35 | Towards Intelligent Modeling: Statistical Approximation Theory. Intelligent Systems Reference Library, 2011, , . | 1.2 | 24 |
| 36 | Global Approximation Results for Modified Szász-Mirakjan Operators. Taiwanese Journal of Mathematics, 2011, 15, . | 0.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Rates of Ideal Convergence for Approximation Operators. Mediterranean Journal of Mathematics, 2010, 7, 111-121. | 0.8 | 6 |
| 38 | Opial-type inequalities for diamond-alpha derivatives and integrals on time scales. Differential Equations and Dynamical Systems, 2010, 18, 229-237. | 1.0 | 13 |
| 39 | Statistical approximation by positive linear operators on modular spaces. Positivity, 2010, 14, 321-334. | 0.7 | 21 |
| 40 | Rates of convergence of certain King-type operators for functions with derivative of bounded variation. Mathematical and Computer Modelling, 2010, 52, 334-345. | 2.0 | 23 |
| 41 | Statistical convergence of double-complex Picard integral operators. Applied Mathematics Letters, 2010, 23, 852-858. | 2.7 | 3 |
| 42 | Statistical convergence of double-complex Picard integral operators. Applied Mathematics Letters, 2010, 23, 852-858. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd"</small> | 2.7 | 5 |
| 43 | Statistical Korovkin Theory for Multivariate Stochastic Processes. Stochastic Analysis and Applications, 2010, 28, 648-661. | 1.5 | 5 |
| 44 | Approximation in statistical sense to B -continuous functions by positive linear operators. Studia Scientiarum Mathematicarum Hungarica, 2010, 47, 289-298. | 0.1 | 6 |
| 45 | Local approximation behavior of modified SMK operators. Miskolc Mathematical Notes, 2010, 11, 87. | 0.6 | 22 |
| 46 | Global approximation properties of modified SMK operators. Filomat, 2010, 24, 47-61. | 0.5 | 3 |
| 47 | Statistical Approximation for Stochastic Processes. Stochastic Analysis and Applications, 2009, 27, 460-474. | 1.5 | 1 |
| 48 | Oscillation analysis of neutral difference equations with delays. Chaos, Solitons and Fractals, 2009, 39, 261-270. | 5.1 | 9 |
| 49 | Allee effects on population dynamics in continuous (overlapping) case. Chaos, Solitons and Fractals, 2009, 39, 1994-2001. | 5.1 | 20 |
| 50 | On the stability analysis of a general discrete-time population model involving predation and Allee effects. Chaos, Solitons and Fractals, 2009, 40, 1169-1175. | 5.1 | 15 |
| 51 | Allee effect in a discrete-time predator-prey system. Chaos, Solitons and Fractals, 2009, 40, 1956-1962. | 5.1 | 94 |
| 52 | Approximation theorems by Meyer-König and Zeller type operators. Chaos, Solitons and Fractals, 2009, 41, 451-456. | 5.1 | 8 |
| 53 | Stability analysis of continuous population model involving predation and Allee effect. Chaos, Solitons and Fractals, 2009, 41, 1218-1222. | 5.1 | 14 |
| 54 | Statistical approximation to Baskakov-type continuous and periodic functions. Central European Journal of Mathematics, 2009, 7, 539-549. | 0.7 | 1 |

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|----|--|-----|-----------|
| 55 | High Order Statistical Fuzzy Korovkin Theory. Stochastic Analysis and Applications, 2009, 27, 543-554. Rates of $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll"} \rangle$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" | 1.5 | 0 |
| 56 | xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | 2.7 | 15 |
| 57 | Local approximation results for Szász-Mirakjan type operators. Archiv Der Mathematik, 2008, 90, 144-149. | 0.5 | 11 |
| 58 | Integral-type generalizations of operators obtained from certain multivariate polynomials. Calcolo, 2008, 45, 53-67. | 1.1 | 8 |
| 59 | Statistical approximation results for Kantorovich-type operators involving some special polynomials. Mathematical and Computer Modelling, 2008, 48, 388-401. | 2.0 | 38 |
| 60 | Equi-statistical convergence of positive linear operators. Journal of Mathematical Analysis and Applications, 2008, 339, 1065-1072. | 1.0 | 42 |
| 61 | A Baskakov type generalization of statistical Korovkin theory. Journal of Mathematical Analysis and Applications, 2008, 340, 476-486. | 1.0 | 27 |
| 62 | Statistical fuzzy approximation by fuzzy positive linear operators. Computers and Mathematics With Applications, 2008, 55, 573-580. | 2.7 | 37 |
| 63 | Statistical convergence on intuitionistic fuzzy normed spaces. Chaos, Solitons and Fractals, 2008, 35, 763-769. | 5.1 | 66 |
| 64 | Allee effects on population dynamics with delay. Chaos, Solitons and Fractals, 2008, 37, 65-74. | 5.1 | 37 |
| 65 | STATISTICAL FUZZY CONVERGENCE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2008, 16, 879-902. | 1.9 | 6 |
| 66 | A-STATISTICAL CONVERGENCE OF SEQUENCES OF CONVOLUTION OPERATORS. Taiwanese Journal of Mathematics, 2008, 12, . | 0.4 | 15 |
| 67 | APPROXIMATION PROPERTIES OF POISSON INTEGRALS FOR ORTHOGONAL EXPANSIONS. Taiwanese Journal of Mathematics, 2008, 12, . | 0.4 | 4 |
| 68 | 434-439. | 0.5 | 24 |
| 69 | A Korovkin type approximation theorems via \mathcal{I} -convergence. Czechoslovak Mathematical Journal, 2007, 57, 367-375. | 0.3 | 11 |
| 70 | Regular matrix transformations and rates of convergence of positive linear operators. Calcolo, 2007, 44, 159-164. | 1.1 | 4 |
| 71 | Szász-Mirakjan type operators providing a better error estimation. Applied Mathematics Letters, 2007, 20, 1184-1188. | 2.7 | 67 |
| 72 | Weighted approximation by Meyer-König and Zeller type operators. Studia Scientiarum Mathematicarum Hungarica, 2007, 44, 445-467. | 0.1 | 1 |

