

**AVIZ INDEPLINIRE STANDARDE MINIMALE**

In urma analizei dosarului de concurs depus de candidatul OTROCOL DIANA IOANA pentru postul **Conferentiar pozitia 19** din Statul de functii al Departamentului de MATEMATICA.

Comisia de verificare apreciaza ca SUNT indeplinite standardele minimale pentru participarea la concurs.

Motivatie (*doar in cazul in care nu sunt indeplinite standardele minimale*)

Comisia de verificare



**UNIVERSITATEA TEHNICĂ**  
DIN CLUJ-NAPOCA

Fișa de verificare a Îndeplinirii standardelor minime pentru postul de Conferențiar universitar  
Conform OM 6129/20.12.2016

Candidat: Lect. univ. dr. **Otrocol Diana Ioana**

Post: **Conferențiar universitar**, Poziția **19**

Universitatea Tehnică din Cluj-Napoca,

Facultatea de Automatică și Calculatoare

Departamentul de Matematică

|                              | Standard minimal | Scor candidat |
|------------------------------|------------------|---------------|
| Punctaj lucrari              | 2.5              | 7.4           |
| Punctaj lucrari recente      | 1.5              | 3.5           |
| Citari (ISI, SRI $\geq$ 0.5) | 6                | 90            |

FISA DE VERIFICARE A STANDARDUL MINIMALE - ARTICOLE  
NUME OTROCOL DIANA IOANA  
SCOR RELATIV DE INFLUENTA

7 iunie 2023

| Nr | Articol, referinta bibliografica                                                                                                                                      | An<br>publicare | ISSN      | An<br>SRI MAX | s_i<br>MAX SRI<br>2017-2021 | n_i | s_i/n_i | S TOTAL   | 7.4 |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|---------------|-----------------------------|-----|---------|-----------|-----|
|    |                                                                                                                                                                       |                 |           |               |                             |     |         | S7_RECENT | 3.5 |
| 1  | D. Otrocol, I.A. Rus, Functional-differential equations with maxima of mixed type, Fixed Point Theory 9 (2008), no. 1, 207-220                                        | 2008            | 1583-5022 | 2020          | 0.766                       | 2   | 0.383   |           |     |
| 2  | D. Otrocol, Abstract Volterra operators, Carpathian Journal of Mathematics, 24 (2008), No. 3, 370-377                                                                 | 2008            | 1584-2851 | 2020          | 0.664                       | 1   | 0.664   |           |     |
| 3  | V.A. Ilea, D. Otrocol, On a D.V. Ionescu's problem for functional-differential equations, Fixed Point Theory 10 (2009), no. 1, 125-140                                | 2009            | 1583-5022 | 2020          | 0.766                       | 2   | 0.383   |           |     |
| 4  | D. Otrocol, V. Ilea C. Revnic, An iterative method for a functional-differential equation with mixed type argument, Fixed Point Theory, vol. 11 (2010) no. 2, 327-336 | 2010            | 1583-5022 | 2020          | 0.766                       | 3   | 0.255   |           |     |

|    |                                                                                                                                                                                           |      |           |      |       |   |       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------|-------|---|-------|
| 5  | V. Ilea, D. Otrocol, Integro-differential equation with two times modifications, Carpathian Journal of Math. 27 (2011), no. 2, pp.209-216                                                 | 2011 | 1584-2851 | 2020 | 0.664 | 2 | 0.332 |
| 6  | V. Ilea, D. Otrocol, M.-A. Șerban, D. Trif, Integro-differential equation with two time lags, Fixed Point Theory, 13 (2012), no. 1, pp. 85-97                                             | 2012 | 1583-5022 | 2020 | 0.766 | 4 | 0.192 |
| 7  | T. Catinas, D. Otrocol, Iterates of Bernstein type operators on a square with one curved side via contraction principle, Fixed Point Theory, vol. 14 (2013) no.1, 97-106.                 | 2013 | 1583-5022 | 2020 | 0.766 | 2 | 0.383 |
| 8  | D. Otrocol, V.A. Ilea, C. Revnic, An iterative method for a functional-differential equation of second order with mixed type argument, Fixed Point Theory, 14 (2013), no.2, 427-434.      | 2013 | 1583-5022 | 2020 | 0.766 | 3 | 0.255 |
| 9  | D. Otrocol, V.A. Ilea, Qualitative properties of functional differential equation, Electron. J. Qual. Theory Differ. Equ. (ISSN 1417-3875), 2014, No. 47, 1-8                             | 2014 | 1417-3875 | 2020 | 0.743 | 2 | 0.372 |
| 10 | D. Otrocol, Systems of functional-differential equations with maxima, of mixed type, Electron. J. Qual. Theory Differ. Equ. (ISSN 1417-3875), 2014, No. 5, 1-9                            | 2014 | 1417-3875 | 2020 | 0.743 | 1 | 0.743 |
| 11 | T. Catinas, D. Otrocol, I.A. Rus, The iterates of positive linear operators with the set of constant functions as the fixed point set, Carpathian J. Math., 32 (2016) no. 2, pp. 165-172. | 2016 | 1584-2851 | 2020 | 0.664 | 3 | 0.221 |
| 12 | D. Otrocol, M.-A. Șerban, An efficient step method for a system of differential equations with delay, Journal of Applied Analysis and Computation, 8 (2018) no. 2, pp. 498-508.           | 2018 | 2156-907X | 2019 | 0.540 | 2 | 0.270 |

|    |                                                                                                                                                                                                                                                                   |      |           |      |       |   |       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------|-------|---|-------|
| 13 | B. C. Dhage, D. Otrocol, Dhage iteration method for approximating solutions of nonlinear differential equations with maxima, Fixed Point Theory, 19(2018), No. 2, 545-556, DOI: 10.24193/fpt-ro.2018.2.43 (IF:0.548) ISSN: 1583-5022                              | 2018 | 1583-5022 | 2020 | 0.766 | 2 | 0.383 |
| 14 | A. Aral, D. Otrocol, I. Raşa, On approximation by some Bernstein–Kantorovich exponential-type polynomials, Period. Math. Hung. (2019) 79, 236–254.                                                                                                                | 2019 | 0031-5303 | 2021 | 0.670 | 3 | 0.223 |
| 15 | V. Ilea, A. Novac, D. Otrocol, R. Precup, Solutions with a prescribed interval of positivity for differential systems with nonlocal conditions, Appl. Math. Comput., 375 (2020), doi: 10.1016/j.amc.2020.125092                                                   | 2020 | 0096-3003 | 2020 | 1.281 | 4 | 0.320 |
| 16 | V. Ilea, D. Otrocol, Existence and uniqueness of the solution for an integral equation with supremum, via w-distances, Symmetry 2020, 12, 1554, <a href="https://doi.org/10.3390/sym12091554">https://doi.org/10.3390/sym12091554</a>                             | 2020 | 2073-8994 | 2021 | 0.687 | 2 | 0.344 |
| 17 | A.M. Acu, A. Maduta, D. Otrocol, I. Raşa, Inequalities for information potentials and entropies, Mathematics 2020, 8(11), 2056;                                                                                                                                   | 2020 | 2227-7390 | 2021 | 0.634 | 4 | 0.159 |
| 18 | V. Ilea, D. Otrocol, On the Burton method of progressive contractions for Volterra integral equations, Fixed Point Theory, 21 (2020) no. 2, 585-594.                                                                                                              | 2020 | 1583-5022 | 2020 | 0.766 | 2 | 0.383 |
| 19 | A. Novac, D. Otrocol, D. Popa, Ulam stability of a linear difference equation in locally convex spaces, Results Math., 76, 33 (2021). <a href="https://doi.org/10.1007/s00025-021-01344-2">https://doi.org/10.1007/s00025-021-01344-2</a>                         | 2021 | 1422-6383 | 2021 | 1.034 | 3 | 0.345 |
| 20 | V. Ilea, D. Otrocol, Functional differential equations with maxima, via step by step contraction principle, CARPATHIAN J. MATH. Volume 37 (2021), No. 2, 195 - 202, <a href="https://doi.org/10.37193/CJM.2021.02.05">https://doi.org/10.37193/CJM.2021.02.05</a> | 2021 | 1584-2851 | 2020 | 0.664 | 2 | 0.332 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|------|-------|---|-------|
| 21 | V. Ilea, D. Otrocol, On a Volterra Integral Equation with Delay, via w-Distances, Mathematics, 2021, 9, 2341.<br><a href="https://doi.org/10.3390/math9182341">https://doi.org/10.3390/math9182341</a>                   | 2021 | 2227-7390 | 2021 | 0.634 | 2 | 0.317 |
| 22 | V. Ilea, D. Otrocol, I.A. Rus, M.A. Serban, APPLICATIONS OF FIBRE CONTRACTION PRINCIPLE TO SOME CLASSES OF FUNCTIONAL INTEGRAL EQUATIONS, Fixed Point Theory, 23(2022), No. 1, 279-292<br>DOI: 10.24193/fpt-ro.2022.1.18 | 2022 | 1583-5022 | 2020 | 0.766 | 4 | 0.192 |
|    |                                                                                                                                                                                                                          |      |           |      |       |   |       |

Semnatura

Otrocol Diana Ioana



7 iunie 2023

## Otrocol Diana Ioana

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|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|-----------|
| 1        | D. Otrocol, Lotka-Volterra with two delays via weakly Picard operators, Nonlinear Analysis Forum, 10(2005), 193-199.                                                      | I.A. Rus – Abstract models of step method which imply the convergence of successive approximations, Fixed Point Theory, Vol 9, No1, 2008, 293-307.                          | 0.766 (2020)                                     | 1583-5022   | 2008      |
| 2        | D. Otrocol, A numerical method for approximating the solution of a Lotka-Volterra system with two delays, Studia Univ. Babes-Bolyai, Mathematica, 50(2005), no.1, 99-110. | I.A. Rus – Abstract models of step method which imply the convergence of successive approximations, Fixed Point Theory, Vol 9, No1, 2008, 293-307.                          | 0.766 (2020)                                     | 1583-5022   | 2008      |
| 3        | D. Otrocol, Abstract Volterra operators, Carpathian J. Math., 24 (2008), no. 3, 370-377                                                                                   | I.A. Rus, An abstract point of view on iterative approximation of fixed points: impact on the theory of fixed point equations, Fixed Point Theory, 13, No. 1, 179-192, 2012 | 0.766 (2020)                                     | 1583-5022   | 2014      |
| 4        | D. Otrocol, I.A. Rus, Functional-differential equation with "maxima", of mixed type, Fixed Point Theory, 9(2008), no.1, 207-220                                           | Rabha W. Ibrahim, Extremal solutions for certain type of fractional differential equations with maxima, Advances in Difference Equations, 2012, 2012:7                      | 0.724 (2021)                                     | 1687-1847   | 2012      |
| 5        | V. Ilca, D. Otrocol, On a D.V. Ionescus problem for functional differential equations, Fixed Point Theory, 10(2009), No. 1, 125-140.                                      | Ion Marian Olaru, An integral equation related to an epidemic model via weakly Picard operators technique in a gauge space, Fixed Point Theory, 15 (2014), No. 1, 179-188   | 0.766 (2020)                                     | 1583-5022   | 2014      |
| 6        | D. Otrocol, Abstract Volterra operators, Carpathian J. Math., 24(2008), No. 3, 370-377.                                                                                   | Ion Marian Olaru, An integral equation related to an epidemic model via weakly Picard operators technique in a gauge space, Fixed Point Theory, 15 (2014), No. 1, 179-188   | 0.766 (2020)                                     | 1583-5022   | 2014      |
| 7        | D. Otrocol, A differential equation with delay from biology, J. Appl. Math. Informatics, (ISSN: 2234-8417), 26(2008), No. 5-6, 1037-1048.                                 | Ion Marian Olaru, An integral equation related to an epidemic model via weakly Picard operators technique in a gauge space, Fixed Point Theory, 15 (2014), No. 1, 179-188   | 0.766 (2020)                                     | 1583-5022   | 2014      |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|------|
| 8  | D. Otrocol, V.A. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 11(7) (2013), 1296-1303                                 | J.R. Wang, Y. Zhang, Ulam-Hyers-Mittag-Leffler stability of fractional-order delay differential equations, Optimization, 63 (2014), No. 8, 1181-1190, Impact Factor 2013: 0.771                                                                                                                                     | 0.998 (2020) | 0233-1934   | 2014 |
| 9  | T. Cătiuș, D. Otrocol, Iterates of multivariate Cheney-Sharma operators. J. Comput. Anal. Appl., 15(7), 1240-1246 (2013)                              | U. Abel, O. Agratini, Asymptotic behaviour of Jain operators, Numerical Algorithms (IF: 1.366), 71 (2016), 3, pp 553-565, 10.1007/s11075-015-0009-3                                                                                                                                                                 | 1.161 (2021) | 1572-9265   | 2016 |
| 10 | T. Cătiuș, D. Otrocol, Iterates of multivariate Cheney-Sharma operators, J. Comput. Anal. Appl., 15(2013), no.7, 1240-1246.                           | I.A. Rus, Set-theoretical aspect of the fixed point theory: some examples, CARPATHIAN J. MATH. Volume 37 (2021), No. 2, Pages 235 - 258                                                                                                                                                                             | 0.664 (2020) | 1584 - 2851 | 2021 |
| 11 | D. Otrocol, V. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 2013, 11(7), 1296-1303.                                   | D. Vivek, K. Kanagarajan, E.M. Elsayed, Nonlocal initial value problems for implicit differential equations with Hilfer-Hadamard fractional derivative, Nonlinear Analysis: Modelling and Control, Vol. 23, No. 3, 341-360, <a href="https://doi.org/10.15388/NA.2018.3.4">https://doi.org/10.15388/NA.2018.3.4</a> | 0.805 (2021) | 1392-5113   | 2018 |
| 12 | D. Otrocol, Systems of functional differential equations with maxima, of mixed type, Electron. J. Qual. Theory Differ. Equ., 2014 (2014), no. 5, 1-9. | B. Bar, M. Lakrib, Averaging method for ordinary differential inclusions with maxima, Electronic Journal of Differential Equations, Vol. 2018 (2018), No. 115, pp. 1-12.                                                                                                                                            | 0.549 (2021) | 1072-6691   | 2018 |
| 13 | D. Otrocol, Systems of functional differential equations with maxima, of mixed type, Electron. J. Qual. Theory Differ. Equ., 2014 (2014), no. 5, 1-9. | K. Nisse, L. Nisse, An Iterative Method for Solving a Class of Fractional Functional Differential Equations with "Maxima", Mathematics, 2227-7390 2018, 6(1), 2, <a href="https://doi.org/10.3390/math6010002">https://doi.org/10.3390/math6010002</a>                                                              | 0.634 (2021) | 2227-7390   | 2018 |

|    |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                     |              |           |      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------|
| 14 | D. Otrocol, Systems of functional differential equations with maxima, of mixed type, Electron. J. Qual. Theory Differ. Equ., 2014 (2014), no. 5, 1-9.                | A. Cernea, Existence of solutions for a class of functional differential inclusions with "maxima", Fixed Point Theory, 19(2018), No. 2, 503-514. 1583-5022, <a href="http://www.math.ubbcluj.ro/~nodeacj/volumes/2018-No2/182-cer-1723-final.php">http://www.math.ubbcluj.ro/~nodeacj/volumes/2018-No2/182-cer-1723-final.php</a>                                                                                   | 0.766 (2020) | 1583-5022 | 2018 |
| 15 | D. Otrocol, Systems of functional differential equations with maxima, of mixed type, Electron. J. Qual. Theory Differ. Equ., 2014 (2014), no. 5, 1-9.                | I.A. Rus, Some nonlinear functional differential and integral equations, via weakly Picard operator theory: a survey, Carpathian Journal of Mathematics Vol. 26, No. 2 (2010), pp. 230-258                                                                                                                                                                                                                          | 0.664 (2020) | 1584-2851 | 2010 |
| 16 | D. Otrocol, I.A. Rus, Functional-differential equations with "maxima" via weakly Picard operator theory, Bull. Math. Soc. Sci. Math. Romania, 51(99)(2008), 253-261. | A. Cernea, Existence of solutions for a class of functional differential inclusions with "maxima", Fixed Point Theory, 19(2018), No. 2, 503-514. 1583-5022,                                                                                                                                                                                                                                                         | 0.766 (2020) | 1583-5022 | 2018 |
| 17 | D. Otrocol, I.A. Rus, Functional-differential equations with "maxima", of mixed type, Fixed Point Theory, 9(2008), 207-220                                           | A. Cernea, Existence of solutions for a class of functional differential inclusions with "maxima", Fixed Point Theory, 19(2018), No. 2, 503-514. 1583-5022, <a href="http://www.math.ubbcluj.ro/~nodeacj/volumes/2018-No2/182-cer-1723-final.php">http://www.math.ubbcluj.ro/~nodeacj/volumes/2018-No2/182-cer-1723-final.php</a>                                                                                   | 0.766 (2020) | 1583-5022 | 2018 |
| 18 | V. Ilea, D. Otrocol, M.-A. Serban and D. Trif, Integro-differential equation with two time lags, Fixed Point Theory, 2012, 13, 85-97.                                | V. Muresan, A Volterra functional-integral equation, via weakly Picard operators' technique, CARPATHIAN J. MATH. 30 (2014), No. 3, 369 - 375                                                                                                                                                                                                                                                                        | 0.664 (2020) | 1584-2851 | 2014 |
| 19 | V. Ilea, D. Otrocol, M.-A. Serban and D. Trif, Integro-differential equation with two time lags, Fixed Point Theory, 2012, 13, 85-97.                                | positive solutions of non-local problems at resonance, Journal of Applied Analysis and Computation, Volume 8, Number 2, April 2018, 486-497. 2156-907X, <a href="http://jaac.ijournal.cn/ch/reader/create_pdf.aspx?file_no=JAA C-2017-0116&amp;year_id=2018&amp;quarter_id=2&amp;falg=1">http://jaac.ijournal.cn/ch/reader/create_pdf.aspx?file_no=JAA C-2017-0116&amp;year_id=2018&amp;quarter_id=2&amp;falg=1</a> | 0.500 (2020) | 2156-907X | 2018 |
| 20 | D. Otrocol, V. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 2013, 11(7), 1296-1303.                                                  | Yasemin Basci, Suleyman Oğrekci, Adil Misir, On Hyers-Ulam Stability for Fractional Differential Equations Including the New Caputo-Fabrizio Fractional Derivative, Mediterr. J. Math. (2019) 16:131                                                                                                                                                                                                                | 0.843 (2021) | 1660-5446 | 2019 |

|    |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                               |              |           |      |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|------|
| 21 | D. Otrocol, V. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 2013, 11(7), 1296-1303.                                                                                                                           | Akbar Zada, Wajid Ali, Choonkil Park, Ulam's type stability of higher order nonlinear delay differential equations via integral inequality of Grönwall-Bellman-Bihari's type, Applied Mathematics and Computation 350 (2019) 60–65, IF 3.092, ISSN: 0096-3003                                                                 | 1.281 (2021) | 0096-3003 | 2019 |
| 22 | D. Otrocol, V. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 2013, 11(7), 1296-1303.                                                                                                                           | Kui Liu, JinRong Wang and Donal O'Regan, Ulam-Hyers-Mittag-Leffler stability for $\psi$ -Hilfer fractional-order delay differential equations, Advances in Difference Equations, (2019) 2019:50, <a href="https://doi.org/10.1186/s13662-019-1997-4">https://doi.org/10.1186/s13662-019-1997-4</a> , IF 1.51, ISSN: 1687-1847 | 0.724 (2021) | 1687-1847 | 2019 |
| 23 | T. Catinas, D. Otrocol, Iterates of Bernstein type operators on a square with one curved side via contraction principle. Int. J. Fixed Point Theory Comput. Appl. 14(1), 97–106 (2013)                                                        | Haifa Bin Jebreen, Mohammad Mursaleen, Mohd Ahasan, On the convergence of Lupa,s (p, q)-Bernstein operators via contraction principle, Journal of Inequalities and Applications (2019) 2019:34, <a href="https://doi.org/10.1186/s13660-019-1985-y">https://doi.org/10.1186/s13660-019-1985-y</a> , IF 1.136, ISSN: 1029-242X | 0.634 (2020) | 1029-242X | 2019 |
| 24 | D. Otrocol, Ulam stabilities of differential equation with abstract Volterra operator in a Banach space, Nonlinear Funct. Anal. Appl 15 (4), 613-619.                                                                                         | José Vanterfer da C. Sousa, Kishor D. Kucche, Edmundo Capelas de Oliveira, On the Ulam-Hyers stabilities of the solutions of $\Psi$ -Hilfer fractional differential equation with abstract Volterra operator, Math Meth Appl Sci. 2019;1–12. IF 1.533, ISSN: 0170-4214                                                        | 0.823 (2020) | 0170-4214 | 2019 |
| 25 | Ilea, V., Otrocol, D.: Some properties of solutions of a functional-differential equation of second order with delay. Sci.World J. 2014, 878395 (2014), <a href="https://doi.org/10.1155/2014/878395">https://doi.org/10.1155/2014/878395</a> | Maria Dobritoiu, An application of the w-weak generalized contractions theorem, J. Fixed Point Theory Appl. (2019) 21:93, <a href="https://doi.org/10.1007/s11784-019-0730-y">https://doi.org/10.1007/s11784-019-0730-y</a> , IF 1.253, ISSN: 1661-7738                                                                       | 1.068 (2021) | 1661-7738 | 2019 |
| 26 | S. M. Soltuz and D. Otrocol, 2007, Classical results via Mann-Ishikawa iteration, Revue d'Analyse Numerique et de Theorie de l' Approximation 36(2), pp.193-197.                                                                              | F. Ali, J. Ali, J.J. Nieto, Some observations on generalized non-expansive mappings, with an application, Computational and Applied Mathematics, 39, Article number: 74 (2020), <a href="https://doi.org/10.1007/s40314-020-1101-4">https://doi.org/10.1007/s40314-020-1101-4</a> , ISSN: 2238-3603, IF: 1.360                | 0.721 (2021) | 2238-3603 | 2020 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|------|
| 27 | Aral, Ali; Otrocol, Diana; Rasa, Ioan On approximation by some Bernstein-Kantorovich exponential-type polynomials, PERIODICA MATHEMATICA HUNGARICA, 79 No. 2 (2019) 236-254 | Acar, Tuncer; Mursaleen, Mohammad; Deveci, Serife Nur, Gamma operators reproducing exponential functions ADVANCES IN DIFFERENCE EQUATIONS, 2020 (2020) No. 1 Article 423, issn: 1687-1847, IF:2.421, <a href="https://doi.org/10.1186/s13662-020-02880-x">https://doi.org/10.1186/s13662-020-02880-x</a> | 0.724 (2021) | 1687-1847   | 2020 |
| 28 | Aral, Ali; Otrocol, Diana; Rasa, Ioan On approximation by some Bernstein-Kantorovich exponential-type polynomials, PERIODICA MATHEMATICA HUNGARICA, 79 No. 2 (2019) 236-254 | Gupta, V. Higher order Lupas-Kantorovich operators and finite differences. RACSAM 115, 100 (2021), ISSN: 1578-7303, <a href="https://doi.org/10.1007/s13398-021-01034-2">https://doi.org/10.1007/s13398-021-01034-2</a>                                                                                  | 0.935 (2021) | 1578-7303   | 2021 |
| 29 | Aral, Ali; Otrocol, Diana; Rasa, Ioan On approximation by some Bernstein-Kantorovich exponential-type polynomials, PERIODICA MATHEMATICA HUNGARICA, 79 No. 2 (2019) 236-254 | Serife Nur Deveci, Tuncer Acar, Osman Alagoz, Approximation by Gamma type operators, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 43, no.5, 2020, 2772-2782                                                                                                                                             | 0.823 (2020) | 0170-4214   | 2020 |
| 30 | D. Otrocol, V. Ilea, Qualitative properties of a functional differential equation, Electronic Journal of Qualitative Theory of Differential Equations 47 (2014), 1–8.       | PU Shikhare, KD Kucche, JVC Sousa, Analysis of Volterra integrodifferential equations with nonlocal and boundary conditions via Picard operator, Comp. Appl. Math. 39, 208 (2020). <a href="https://doi.org/10.1007/s40314-020-01234-3">https://doi.org/10.1007/s40314-020-01234-3</a> , ISSN: 2238-3603 | 0.721 (2021) | 2238-3603   | 2020 |
| 31 | D. Otrocol, Systems of functional differential equations with maxima, of mixed type, Electronic J. Qual. Theory Differ. Equations, 2014 (2014), 9 pages.                    | J. Diblík, G. Vážanová, Existence of global solutions to nonlinear mixed-type functional differential equations, Nonlinear Analysis, Volume 195, June 2020, 111731, <a href="https://doi.org/10.1016/j.na.2019.111731">https://doi.org/10.1016/j.na.2019.111731</a> , issn: 0362-546X                    | 1.609 (2021) | 0362-546X   | 2020 |
| 32 | D. Otrocol, V. Ilea, Ulam stability for a delay differential equation, Cent. Eur. J. Math., 2013, 11(7), 1296-1303.                                                         | D. Marian, S. Ciplea, N. Lungu, Ulam-Hyers stability of Darboux-Ionescu problem, Carpathian J. Math, 37 (2021), No. 2, 211 – 216, ISSN 1584 – 2851, DOI: <a href="https://doi.org/10.37193/CJM.2021.02.07">https://doi.org/10.37193/CJM.2021.02.07</a>                                                   | 0.664 (2020) | 1584 – 2851 | 2021 |

|    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                     |              |           |      |
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