UNIVERSITATEA DIN ORADEA
Facultatea de Informatică și Ştiinţe
Departamentul de Matematică şi Informatică
Nume: Conf. dr. habil. GEORGIA IRINA OROS

LISTA PUBLICAŢIILOR

Teza de doctorat:

- **Georgia Irina Oros**, *Studiul unor clase de funcţii univalente*, Universitatea "Babeş-Bolyai" Cluj-Napoca, Facultatea de Matematică şi Informatică, 2006. Domeniul fundamental: Matematică. Conducător ştiinţific: Prof. dr. Grigore Ştefan Sălăgean

Teza de abilitare:

- **Georgia Irina Oros,** *Cazuri speciale de subordonări și superordonări diferențiale,* Abilitare în domeniul de studii universitare de doctorat Matematică, IOSUD/IOD Universitatea "Babeş-Bolyai" Cluj-Napoca, Ordinul MEN Nr.4259/ 08.08.2018

Cărţi şi capitole în cărţi

1. **Georgia Irina Oros,** *Recent applications of certain hypergeometric functions in the theories of differential subordination and superordination*, ISBN: 978-606-17-2377-5, Editura Casa Cărții de Stiință, Cluj-Napoca, 2024, 140 pagini
2. **Georgia Irina Oros,** *Noțiuni introductive în studiul analizei complexe,* ISBN: 978-606-17-2337-9, Editura Casa Cărții de Stiință, Cluj-Napoca, 2024, 277 pagini
3. **Georgia Irina Oros** (Editor) *New Developments in Geometric Function Theory II*, ISBN: 978-3725808168, Publisher: MDPI AG, 2024
4. Gheorghe Oros, **Georgia Irina Oros** (Editori) *Fractional Calculus and Hypergeometric Functions in Complex Analysis*, ISBN: 978-3725810987, Publisher: MDPI AG, 2024
5. Pankaj Srivastava, M. Lellis Thivagar, **Georgia Irina Oros**, Chai Ching Tan (Editors), *Mathematical and Computational Intelligence to Socio-Scientific Analytics and Applications*, ISBN: 978-9811951800, Publisher: Springer Nature Singapore, 2023
6. **Georgia Irina Oros** (Editor) *New Developments in Geometric Function Theory*, ISBN: 978-3036563459, Publisher: MDPI AG, 2023
7. **Georgia Irina Oros,** *Extensions of Some Known Differential and Integral Operators*, Capitol în Lecture Notes in Networks and Systems, 2022, 214, pp. 23–38
8. Pankaj Srivastava, S.S. Thakur, **Georgia Irina Oros**, Ali A. AlJarrah, Vichian Laohakosol (Editori), *Mathematical, Computational Intelligence and Engineering Approaches for Tourism, Agriculture and Healthcare*, ISBN: 978- 9811638091, Publisher: Springer Nature Singapore, 2022
9. **Georgia Irina Oros** (Editor) *Geometrical Theory of Analytic Functions*, ISBN: 978-3036524986, Publisher: MDPI AG, 2022
10. **Georgia Irina Oros**, Gheorghe Oros, Theory and Applications of Mathematical Science Vol. 1, *Chapter 11: Differential Subordinations for Non-analytic Functions*, Book Publisher International (a part of SCIENCEDOMAIN International) ISBN 978-93-89562-12-5(Print), ISBN 978-93-89562-13-2(eBook), https://doi.org/10.9734/bpi/tams/v1, pp.129 – 141, 2020
11. **Georgia Irina Oros**, *Calcul integral*, Editura Universităţii din Oradea, 2013, ISBN 978-606-10-1081-3, 228 pagini
12. **Georgia Irina Oros,** *New differential subordinations and superordinations. Strong differential subordination, strong differential superordination.*, Lambert Academic Publishing, Saarbrucken, Germany, 2011, ISBN: 978-3-8443-8160-3, 331 pages
13. Petru T. Mocanu, Daniel Breaz, **Georgia Irina Oros**, Gheorghe Oros, *Analiză complexă,* Editura Aeternitas, Alba Iulia, 2009, ISBN 978-973-1890-17-3, 263 pages
14. **Georgia Irina Oros**, *Utilizarea subordonărilor diferenţiale în studiul unor clase de funcţii univalente,* Casa Cărţii de Ştiinţă, Cluj-Napoca, 2008, ISBN 978-973-133-288-8, 208 pages

15. Teodor Bulboacă, Salamon Julia, Nagy Eniko, Gheorghe Oros, **Georgia Irina Oros**, *Probleme de analiză complexă I,* Editura Universităţii din Oradea, 2007, ISBN 978-973-759-259-0, 187 pages
16. Gheorghe Oros, Adriana Cătaş, **Georgia Irina Oros**, Ioan Dzitac, Simona Dzitac, *Funcţii complexe. Culegere de probleme,* Editura Universităţii din Oradea, 2003, ISBN 973-613-396-6, 232 pagini
17. Ioan Dzitac, Barnabaş Bede, Simona Dzitac, Adrian Madar, **Georgia Irina Oros**, *Analiză matematică – Calcul diferenţial,* Editura Universităţii din Oradea, 2001, ISBN 973-613-050-9, 206 pagini
18. Ioan Dzitac, Liana Seremi, Simona Dzitac, Adriana Cătaş, **Georgia Irina Oros**, *Matematici speciale – Elemente de algebră, Geometrie analitică, Probabilităţi*, Editura Universităţii din Oradea, 2001, ISBN 973-613-044-4, 247 pagini
19. Gheorghe Oros, **Georgia Irina Oros**, *Matematici superioare. Analiză matematică,* Editura Universităţii din Oradea, 2001, ISBN 973-8219-14-0, 304 pagini
20. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.I* , Editura Universităţii din Oradea, 2001, ISBN 973-8219-22-1, 222 pagini
21. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.II* , Editura Universităţii din Oradea, 2001, ISBN 973-8219-24-8, 462 pagini
22. Gheorghe Oros, **Georgia Irina Oros**, Adriana Cătaş, *Matematici superioare. Culegere de probleme vol.I,* Editura Universităţii din Oradea, 2001, ISBN 973-613-005-3, 288 pagini

Lucrări indexate ISI

1. Zeya Jia, Alina Alb Lupaş, Haifa Bin Jebreen, **Georgia Irina Oros**, Teodor Bulboacă, Qazi Zahoor Ahmad, *Fractional Differential Operator Based on Quantum Calculus and Bi-Close-to-Convex Functions.* Mathematics 2024, 12, 2026. https://doi.org/10.3390/math12132026
2. **Georgia Irina Oros,** *New Trends in Complex Analysis Research*. Mathematics 2024, 12, 1752. https://doi.org/10.3390/math12111752
3. Abdullah Alsoboh, **Georgia Irina Oros,** *A Class of Bi-Univalent Functions in a Leaf-Like Domain Defined through Subordination via q-Calculus*. Mathematics 2024, 12, 1594. https://doi.org/10.3390/math12101594
4. **Georgia Irina Oros,** *New Developments in Geometric Function Theory II*. Axioms 2024, 13, 224. https://doi.org/10.3390/axioms13040224
5. Gheorghe Oros, **Georgia Irina Oros**, *Fractional Calculus and Hypergeometric Functions in Complex Analysis.* Fractal Fract. 2024, 8, 233. https://doi.org/10.3390/fractalfract8040233
6. Kaliappan Vijaya, Gangadharan Murugusundaramoorthy, Daniel Breaz, **Georgia Irina Oros**, Sheza M. El-Deeb, *Ozaki-Type Bi-Close-to-Convex and Bi-Concave Functions Involving a Modified Caputo's Fractional Operator Linked with a Three-Leaf Function*. Fractal Fract. 2024, 8, 220. https://doi.org/10.3390/fractalfract8040220
7. Ekram E Ali, **Georgia Irina Oros**, Rabha M. El-Ashwah, Abeer M Albalahi, *Applications of fuzzy differential subordination theory on analytic p -valent functions connected with q-calculus operator*, AIMS Mathematics 2024, 9(8), 21239-21254. https://doi.org/10.3934/math.20241031
8. **Georgia Irina Oros**, Gheorghe Oros, Daniela Andrada Bardac-Vlada, *Certain geometric properties of the fractional integral of the Bessel function of the first kind*, AIMS Mathematics 2024, 9(3), 7095-7110. https://doi.org/10.3934/math.2024346
9. Mohra Zayed, Shahid Ahmad Wani, **Georgia Irina Oros**, William Ramirez, *A study on extended form of multivariable Hermite-Apostol type Frobenius-Euler polynomials via fractional operators*, AIMS Mathematics 2024, 9(6), 16297-16312. https://doi.org/10.3934/math.2024789
10. Mohra Zayed, Shahid Ahmad Wani, **Georgia Irina Oros**, William Ramirez, *Unraveling multivariable Hermite-Apostol-type Frobenius-Genocchi polynomials via fractional operators*, AIMS Mathematics 2024, 9(7), 17291-17304. https://doi.org/10.3934/math.2024840
11. Ekram E Ali, **Georgia Irina Oros**, Abeer M Albalahi, *Differential subordination and superordination studies involving symmetric functions using a q-analogue multiplier operator*, AIMS Mathematics 2023, 8(11), 27924-27946. https://doi.org/10.3934/math.20231428
12. Mudassir Shams, Nasreen Kausar, Serkan Araci, **Georgia Irina Oros**, *Numerical scheme for estimating all roots of non-linear equations with applications*, AIMS Mathematics 2023, 8(10), 23603-23620. https://doi.org/10.3934/math.20231200

13. Shahid Ahmad Wani, **Georgia Irina Oros**, Ali M Mahnashi, Waleed Hamali, *Properties of Multivariable Hermite Polynomials in Correlation with Frobenius–Genocchi Polynomials*, Mathematics 2023, 11(21), 4523. https://doi.org/10.3390/math11214523
14. Alina Alb Lupaş, **Georgia Irina Oros**, *Strong Differential Subordinations and Superordinations for Riemann–Liouville Fractional Integral of Extended q-Hypergeometric Function*, Mathematics 2023, 11(21), 4474. https://doi.org/10.3390/math11214474
15. **Georgia Irina Oros**, Lavinia Florina Preluca, *New Developments on the Theory of Third-Order Differential Superordination Involving Gaussian Hypergeometric Function*, Mathematics 2023, 11(21), 4438. https://doi.org/10.3390/math11214438
16. **Georgia Irina Oros**, Gheorghe Oros, Daniela Andrada Bardac-Vlada, *Study on the Criteria for Starlikeness in Integral Operators Involving Bessel Functions*, Symmetry 2023, 15(11), 1976. https://doi.org/10.3390/sym15111976
17. Tariq Al-Hawary, Basem Aref Frasin, Abbas Kareem Wanas, **Georgia Irina Oros**, *On Rabotnov fractional exponential function for bi-univalent subclasses*, Asian-European Journal of Mathematics, 16(12), 2350217, 2023. https://doi.org/10.1142/S1793557123502170
18. **Georgia Irina Oros,** *Sufficient conditions for univalence obtained by using the Ruscheweyh-Bernardi differential-integral operator*, Stud. Univ. Babeș-Bolyai Math. 68(2023), No. 2, 249–260. https://doi.org/10.24193/subbmath.2023.2.02
19. **Georgia Irina Oros**, Gheorghe Oros, Lavinia Florina Preluca, *New Applications of Gaussian Hypergeometric Function for Developments on Third-Order Differential Subordinations*, Symmetry 2023, 15(7), 1306. https://doi.org/10.3390/sym15071306
20. Ekram E. Ali, **Georgia Irina Oros**, Shujaat Ali Shah, Abeer M. Albalahi, *Applications of q-Calculus Multiplier Operators and Subordination for the Study of Particular Analytic Function Subclasses*, Mathematics 2023, 11(12) 2705. https://doi.org/10.3390/math11122705
21. **Georgia Irina Oros**, Sibel Yalçın, Hasan Bayram, *Some Properties of Certain Multivalent Harmonic Functions*, Mathematics 2023, 11(11), 2416. https://doi.org/10.3390/math11112416
22. Sunday Olufemi Olatunji, Matthew Olanrewaju Oluwayemi, **Georgia Irina Oros**, *Coefficient Results concerning a New Class of Functions Associated with Gegenbauer Polynomials and Convolution in Terms of Subordination*. Axioms 2023, *12*, 360. https://doi.org/10.3390/axioms12040360
23. Shahid Ahmad Wani, Kinda Abuasbeh, **Georgia Irina Oros**, Salma Trabelsi, *Studies on Special Polynomials Involving Degenerate Appell Polynomials and Fractional Derivative.* Symmetry 2023, 15, 840. https://doi.org/10.3390/sym15040840
24. **Georgia Irina Oros**, Gheorghe Oros, Lavinia Florina Preluca, *Third-Order Differential Subordinations Using Fractional Integral of Gaussian Hypergeometric Function*, Axioms 2023, *12*(2), 133. https://doi.org/10.3390/axioms12020133
25. **Georgia Irina Oros**, *New Developments in Geometric Function Theory*(Editorial), Axioms 2023, 12, 59. https://doi.org/10.3390/axioms12010059
26. **Georgia Irina Oros**, Gheorghe Oros, Shigeyoshi Owa, *Subordination Properties of Certain Operators Concerning Fractional Integral and Libera Integral Operator*. Fractal and Fractional 2023, *7*, 42. https://doi.org/10.3390/fractalfract7010042
27. Abbas Kareem Wanas, Fethiye Müge Sakar, **Georgia Irina Oros,** Luminița-Ioana Cotîrlă, *Toeplitz Determinants for a Certain Family of Analytic Functions Endowed with Borel Distribution*, Symmetry 2023, 15(2), 262. https://doi.org/10.3390/sym15020262
28. Alina Alb Lupaş, **Georgia Irina Oros**, *Sandwich-type results regarding Riemann-Liouville fractional integral of q-hypergeometric function.* Demonstratio Mathematica 2023, 56(1), 20220186. https://doi.org/10.1515/dema-2022-0186
29. Hari Mohan Srivastava, Timilehin Gideon Shaba, Gangadharan Murugusundaramoorthy, Abbas Kareem Wanas, **Georgia Irina Oros**, *The Fekete-Szegö functional and the Hankel determinant for a certain class of analytic functions involving the Hohlov operator*, AIMS Mathematics 2023, 8(1), 340-360.
30. Alina Alb Lupaş, **Georgia Irina Oros**, *Differential sandwich theorems involving Riemann-Liouville fractional integral of q-hypergeometric function*. AIMS Mathematics 2023, *8*(2), 4930-4943.

31. Gul Freen, Sajida Kousar, Nasreen Kausar, Dragan Pamucar, **Georgia Irina Oros**, *Multimodal Fuzzy Downstream Petroleum Supply Chain: A Novel Pentagonal Fuzzy Optimization*, Computers, Materials & Continua 2023, *74*(3), 4861-4879. https://doi.org/10.32604/cmc.2023.032985
32. Mudassir Shams, Nasreen Kausar, Praveen Agarwal, **Georgia Irina Oros**, *Efficient iterative scheme for solving non-linear equations with engineering applications*, Applied Mathematics in Science and Engineering 2022, 30(1), 708-735.
33. Sarah Ahmed, Maslina Darus, **Georgia Irina Oros**, *Subordination Results for the Second-Order Differential Polynomials of Meromorphic Functions*. Symmetry 2022, *14*, 2587. https://doi.org/10.3390/sym14122587
34. Alina Alb Lupaş, **Georgia Irina Oros**, *Fuzzy Differential Subordination and Superordination Results Involving the q-Hypergeometric Function and Fractional Calculus Aspects*. Mathematics 2022, *10*, 4121. https://doi.org/10.3390/math10214121
35. Alina Alb Lupaş, **Georgia Irina Oros**, *Applications of Riemann–Liouville Fractional Integral of q-Hypergeometric Function for Obtaining Fuzzy Differential Sandwich Results*. Symmetry 2022, 14, 2097. https://doi.org/10.3390/sym14102097
36. Jamiu Olusegun Hamzat, Abiodun Tinuoye Oladipo, **Georgia Irina Oros**, *Application of a Multiplier Transformation to Libera Integral Operator Associated with Generalized Distribution*, Symmetry 2022, 14(9), 1934; https://doi.org/10.3390/sym14091934
37. Abid Khan, Mirajul Haq, Luminiţa-Ioana Cotîrlă and **Georgia Irina Oros**, *Bernardi Integral Operator and Its Application to the Fourth Hankel Determinant*, Journal of Function Spaces, Volume 2022, Article ID 4227493, 2022, 13 pages. https://doi.org/10.1155/2022/4227493
38. Muhammad Bilal Riaz, Adam Wojciechowski, **Georgia Irina Oros**, and Riaz Ur Rahman, *Soliton Solutions and Sensitive Analysis of Modified Equal-Width Equation Using Fractional Operators*, Symmetry 2022, 14(8), 1731. https://doi.org/10.3390/sym14081731
39. **Georgia Irina Oros,** *Geometrical Theory of Analytic Functions* (Editorial). Mathematics 2022, *10*, 3267. https://doi.org/10.3390/math10183267
40. Shilpi Jain, Rahul Goyal, **Georgia Irina Oros**, Praveen Agarwal and Shaher Momani, *A study of generalized hypergeometric Matrix functions via two-parameter Mittag–Leffler matrix function*, Open Physics, 20(1), 2022, 730-739. https://doi.org/10.1515/phys-2022-0068
41. Jamiu Olusegun Hamzat, Abiodun Tinuoye Oladipo, **Georgia Irina Oros**, *Bi-Univalent Problems Involving Certain New Subclasses of Generalized Multiplier Transform on Analytic Functions Associated with Modified Sigmoid Function*, Symmetry 2022, 14(7), 1479; https://doi.org/10.3390/sym14071479
42. **Georgia Irina Oros**, Gheorghe Oros, Ancuța Maria Rus, *Applications of Confluent Hypergeometric Function in Strong Superordination Theory*, Axioms 2022, *11*(5), 209; https://doi.org/10.3390/axioms11050209
43. **Georgia Irina Oros,** Simona Dzitac, *Applications of Subordination Chains and Fractional Integral in Fuzzy Differential Subordinations*, Mathematics 2022, 10(10), 1690. https://doi.org/10.3390/math10101690
44. **Georgia Irina Oros,** *Univalence criteria for analytic functions obtained using fuzzy differential subordinations*, Turkish Journal of Mathematics, 46, (2022), 1478-1491.
45. Ibtihal Abdul Ridha Rahman,Waggas Galib Atshan, **Georgia Irina Oros,** *New concept on fourth Hankel determinant of a certain subclass of analytic functions*, Afr. Mat. 33, 7 (2022). https://doi.org/10.1007/s13370-021-00957-8
46. Alina Alb Lupaş, **Georgia Irina Oros**, *Fractional Calculus and Confluent Hypergeometric Function Applied in the Study of Subclasses of Analytic Functions*, Mathematics 2022, 10(5), 705. https://doi.org/10.3390/math10050705
47. Rahul Goyal, Praveen Agarwal, **Georgia Irina Oros**, Shilpi Jain, *Extended Beta and Gamma Matrix Functions via 2-Parameter Mittag-Leffler Matrix Function*, Mathematics 2022, 10(6), 892. https://doi.org/10.3390/math10060892
48. **Georgia Irina Oros**, Gheorghe Oros, Shigeyoshi Owa, *Applications of Certain p-Valently Analytic Functions*, Mathematics 2022, 10(6), 910. https://doi.org/10.3390/math10060910
49. Alina Alb Lupaş, **Georgia Irina Oros**, *Fractional Integral of a Confluent Hypergeometric Function Applied to Defining a New Class of Analytic Functions*, Symmetry 2022, 14(2), 427. https://doi.org/10.3390/sym14020427

50. Hatun Ö. Güney, **Georgia Irina Oros**, Shigeyoshi Owa, *An Application of Sălăgean Operator Concerning Starlike Functions*, Axioms, 2022, 11(2):50. https://doi.org/10.3390/axioms11020050
51. **Georgia Irina Oros,** Luminiţa-Ioana Cotîrlă, *Coefficient Estimates and the Fekete–Szegö Problem for New Classes of m-Fold Symmetric Bi-Univalent Functions*, Mathematics 2022, 10(1):129. https://doi.org/10.3390/math10010129
52. Sumbal Khalil, Sajida Kousar, Nasreen Kausar, Muhammad Imran, **Georgia Irina Oros**, *Bipolar Interval-Valued Neutrosophic Optimization Model of Integrated Healthcare System*, CMC - Computers, Materials & Continua, 73(3), 2022, 6207–6224.
53. Mohammed A. Almalahi, Omar Bazighifan, Satish K. Panchal, S. S. Askar, **Georgia Irina Oros,** *Analytical study of two nonlinear coupled hybrid systems involving generalized hilfer fractional operators***,** Fractal and Fractional 2021, 5(4), 178; https://doi.org/10.3390/fractalfract5040178
54. Omar Bazighifan, Maryam Al-Kandari, Khalil S. Al-Ghafri, F. Ghanim, Sameh Askar, **Georgia Irina Oros**, *Delay Differential Equations of Fourth-Order: Oscillation and Asymptotic Properties of Solutions*, Symmetry 2021, 13(11), 2015; https://doi.org/10.3390/sym13112015
55. Alina Alb Lupaş, **Georgia Irina Oros**, *Strong Differential Superordination Results Involving Extended Sălăgean and Ruscheweyh Operators*, Mathematics 2021, 9(19), 2487; https://doi.org/10.3390/math9192487
56. **Georgia Irina Oros,** *Fuzzy Differential Subordinations Obtained Using a Hypergeometric Integral Operator*. Mathematics 2021, 9(20), 2539. https://doi.org/10.3390/math9202539
57. Alina Alb Lupaş, **Georgia Irina Oros**, *On Special Differential Subordinations Using Fractional Integral of Sălăgean and Ruscheweyh Operators*, Symmetry 2021, *13(9),* 1553; https://doi.org/10.3390/sym13091553
58. Saima Rashid, Aasma Khalid, Omar Bazighifan, **Georgia Irina Oros**, *New Modifications of Integral Inequalities via ℘-Convexity Pertaining to Fractional Calculus and Their Applications*, Mathematic**s** 2021, 9(15),1753; https://doi.org/10.3390/math9151753
59. Alina Alb Lupaş, **Georgia Irina Oros**, *New Applications of Sălăgean and Ruscheweyh Operators for Obtaining Fuzzy Differential Subordinations*, Mathematics 2021, 9(16), 2000; https://doi.org/10.3390/math9162000
60. **Georgia Irina Oros,** *Study on new integral operators defined using confluent hypergeometric function,* Advances in Difference Equations 2021, 342 (2021). https://doi.org/10.1186/s13662-021-03497-4
61. **Georgia Irina Oros,** *Univalence Conditions for Gaussian Hypergeometric Function Involving Differential Inequalities.* Symmetry 2021, *13(5)*, 904.
https://doi.org/10.3390/sym13050904
62. **Georgia Irina Oros**, *Applications of Inequalities in the Complex Plane Associated with Confluent Hypergeometric Function*, Symmetry 2021, *13*(2), 259. https://doi.org/10.3390/sym13020259
63. Alina Alb Lupaş, **Georgia Irina Oros**, *Differential Subordination and Superordination Results Using Fractional Integral of Confluent Hypergeometric Function*, Symmetry 2021, *13*(2), 327; https://doi.org/10.3390/sym13020327
64. **Georgia Irina Oros**, *New Conditions for Univalence of Confluent Hypergeometric Function,* Symmetry 2021, *13*(1), 82; https://doi.org/10.3390/sym13010082
65. **Georgia Irina Oros**, *New fuzzy differential subordinations.* Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Statist. 2021, 70, 229–240.
66. **Georgia Irina Oros**, *Carathéodory properties of Gaussian hypergeometric function associated with differential inequalities in the complex plane*, AIMS Mathematics, 6(12), 2021, 13143-13156. doi: 10.3934/math.2021759
67. Sheza M. El-Deeb, **Georgia Irina Oros**, *Fuzzy differential subordinations connected with the linear operator*, Mathematica Bohemica, Vol. 146, No. 4, pp. 397-406, 2021; doi: 10.21136/MB.2020.0159-19
68. Ágnes Orsolya Páll-Szabó, **Georgia Irina Oros**, *Coefficient related studies for new classes of bi-univalent functions*. Mathematics 2020, 8(7), 1110. https://doi.org/10.3390/math8071110
69. **Georgia Irina Oros**, *Best subordinant for differential superordinations of harmonic complex-valued functions*. Mathematics 2020, 8(22), 2041

https://doi.org/10.3390/math8112041
70. **Georgia Irina Oros,** *New differential subordinations obtained by using a differential-integral Ruscheweyh-Libera operator*, Miskolc Mathematical Notes, Vol. 21 (2020), No. 1, pp. 303–317 HU e-ISSN 1787-2413 DOI: 10.18514/MMN.2020.3084
71. **Georgia Irina Oros** and Gheorghe Oros, *Differential superordination for harmonic complex-valued functions*, Stud. Univ. Babeș-Bolyai Math. 64(2019), No. 4, 487–496 DOI: 10.24193/subbmath.2019.4.04
72. **Georgia Irina Oros**, Gheorghe Oros, Alina Alb Lupaş, Vlad Ionescu, *Differential subordinations obtained by using a generalization of Marx-Strohhäcker theorem*, Journal of Computational Analysis and Applications, Vol. 20, No.1, 2016, 135 – 139, , ISSN 1521-1398 Print, ISSN 1572- 9206 Online
73. **Georgia Irina Oros**, Gheorghe Oros, Radu Diaconu, *Differential Subordinations Obtained with Some New Integral Operators,* Journal of Computational Analysis and Applications, Vol.19, No.5, 2015, 904 - 910, ISSN 1521-1398 Print, ISSN 1572- 9206 Online
74. **Georgia Irina Oros**, Gheorghe Oros, *Differential Subordinations for Nonanalytic Functions,* Abstract and Applied Analysis, Volume 2014 (2014), Article ID 251265, 9 pages; http://dx.doi.org/10.1155/2014/251265
75. **Georgia Irina Oros**, *Sufficient conditions for univalence obtained by using first order nonlinear strong differential subordinations*, Journal of Computational Analysis and Applications, Vol.16, No.1, 2014, 149-152, ISSN 1521-1398 Print, ISSN 1572- 9206 Online
76. H. M. Srivastava, J. K. Prajapat, **Georgia Irina Oros**, Roxana Şendruţiu, *Geometric Properties of a Certain General Family of Integral Operators*, Filomat 28:4 (2014), 745–754, DOI 10.2298/FIL1404745S
77. **Georgia Irina Oros**, *Strong differential subordinations and superordinations obtained with some new integral operators,* Advances in Difference Equations 2013, 2013:317, doi:10.1186/1687-1847-2013-317
78. **Georgia Irina Oros**, *New results related to the convexity of the Bernardi integral operator,* Journal of Mathematical Inequalities, Volume 7, Number 3 (2013), 535–541, doi:10.7153/jmi-07-49
79. Gheorghe Oros, Roxana Şendruţiu and **Georgia Irina Oros**, *First-order strong differential superordinations,* Mathematical Reports, 15(65), 2 (2013), 115-124
80. **Georgia Irina Oros** and Gheorghe Oros, *Dominants and best dominants in fuzzy differential subordinations*, Stud. Univ. Babeş-Bolyai Math. 57(2012), No. 2, 239–248 [Zbl 1274.30059]
81. **Georgia Irina Oros**, *Briot-Bouquet Strong Differential Subordination*, Journal of Computational Analysis and Applications, Vol.14, No.4, 2012, 733-737, ISSN 1521-1398 Print, ISSN 1572- 9206 Online
82. Alina Alb Lupas, **Georgia Irina Oros** and Gheorghe Oros, *A Note on Special Strong Differential Subordinations Using Multiplier Transformation*, Journal of Computational Analysis and Applications, Vol.14, No.2, 2012, 261-265, ISSN 1521-1398 Print, ISSN 1572- 9206 Online
83. Alina Alb Lupas, **Georgia Irina Oros** and Gheorghe Oros, *On Special Strong Differential Subordinations Using Salagean and Ruscheweyh Operators*, Journal of Computational Analysis and Applications, Vol.14, No.2, 2012, 266-270 ISSN 1521-1398 Print, ISSN 1572- 9206 Online
84. **Georgia Irina Oros,** Gheorghe Oros, In Hwa Kim and Nak Eun Cho, *Differential subordinations associated with the Dziok-Srivastava operator*, Mathematical Reports 13(63), 1 (2011), 57–64, ISSN: 1582-3067
85. **Georgia Irina Oros**, Gheorghe Oros, *A convexity property for an integral operator Fm*, Studia Univ. "Babes-Bolyai", Mathematica, Volume LV, Number 3, September 2010, pp.169-178, ISSN 0252-1938[Zbl 1224.30070]
86. **Georgia Irina Oros,** *First order differential superordinations using the Dziok-Srivastava linear operator,* Mathematical Reports, 12(62), 1 (2010), 37–44, ISSN: 1582-3067
87. **Georgia Irina Oros,** *Sufficient conditions for univalence obtained by using second order linear strong differential subordinations,* Turkish Journal of Mathematics 34 (2010) , pp.13 – 20, doi:10.3906/mat-0810-6, ISSN 1300-0098, Electronic ISSN 1303-6149
88. **Georgia Irina Oros,** *Applications of certain differential inequalities to the univalence of an integral operator,* Journal of Mathematical Inequalities, Volume 3, Number 4 (2009), 599-605 , ISSN 1846-579X [Zbl 1182.30018]

89. **Georgia Irina Oros,** *New results related the convexity and starlikeness of Bernardi integral operator,* Hacettepe Journal of Mathematics and Statistics, Volume 38 (2), (2009), pp.137-143, ISSN 1303-5010
90. **Georgia Irina Oros**, Gheorghe Oros, *Second order non-linear strong differential subordinations,* Bulletin of the Belgian Mathematical Society – Simon Stevin, Vol.16(2009), pp. 171-178, ISSN: 1370-1444 [Zbl 1160.30324]
91. **Georgia Irina Oros,** *New results related the starlikeness of Bernardi integral operator,* Complex Variables and Elliptic Equations.An International Journal, Volume 54, Issue 10, October 2009 , pages 923 – 926, ISSN 1747-6933 [Zbl pre05629135]
92. **Georgia Irina Oros**, *Briot-Bouquet differential subordinations and superordinations using the Dziok-Srivastava differential operator,* Mathematical Reports, Vol. 11(61), No.2, 2009, pp. 155-163, ISSN: 1582-3067
93. **Georgia Irina Oros**, Gheorghe Oros, *Strong differential subordination,* Turkish Journal of Mathematics, 33(2009), pp. 249-257, ISSN 1300-0098, Electronic ISSN 1303-6149 [Zbl pre05613333]
94. A.O. Taut**, Georgia Irina Oros,** R. Sendrutiu,*On a class of univalent functions defined by Sălăgean differential operator,* Banach Journal of Mathematical Analysi**s,** Volume 3, No.1, 2009, pp.61-67, ISSN 1735-8787 [Zbl pre05379950]
95. Adriana Cătaş, **Georgia Irina Oros**, Gheorghe Oros, *Differential subordinations associated with multiplier transformations*, Abstract and Applied Analysis, Volume 2008 (2008), Article ID 845724, 11 pages, doi:10.1155/2008/845724, ISSN: 1085-3375; [Zbl pre05313190]
96. **Georgia Irina Oros**, Gheorghe Oros, *On a class of univalent functions defined by a generalized Sălăgean operator,* Complex Variables and Elliptic Equations.An International Journal, Volume 53, Issue 9, September 2008 , pages 869 – 877, ISSN 1747-6933
97. **Georgia Irina Oros**, Adriana Cătaş, Gheorghe Oros, *On Certain Subclasses of Meromorphic Close-to-Convex Functions*, Journal of Inequalities and Applications, Volume 2008 (2008), Article ID 246909, 12 pages, doi:10.1155/2008/246909, ISSN: 1025-5834
98. **Georgia Irina Oros**, *A univalence preserving integral operator*, Journal of Inequalities and Applications, vol. 2008, Article ID 263408, 10 pages, 2008. doi:10.1155/2008/263408, ISSN: 1025-5834
99. **Georgia Irina Oros**, Gheorghe Oros, Daniel Breaz, *Sufficient conditions for univalence of an integral operator*, Journal of Inequalities and Applications,Volume 2008 (2008), Article ID 127645, 7 pages, doi:10.1155/2008/127645, ISSN: 1025-5834[Zbl pre05313257]
100. Gh. Oros, **Georgia Irina Oros**, *A class of univalent functions which extends the class of Mocanu functions,* Mathematical Reports, Vol. 10(60), No.2, 2008, pp. 165-168, ISSN: 1582-3067
101. Georgia Irina Oros, *An application of Briot-Bouquet differential superordinations and sanwich theorem,* Studia Univ. "Babes-Bolyai", Mathematica, Volume L, Number 1, March 2005, pp.93-98 [Zbl 1100.30021]
102. Gheorghe Oros, Georgia Irina Oros, *On a first-order nonlinear differential subordination II,* Studia Univ. "Babes-Bolyai", Mathematica, Volume L, Number 2, June 2005, pp.71-76 [Zbl 1109.30023]

Lucrări indexate BDI

1. Waggas Galib Atshan, Ali Hussein Battor, Abeer Farhan Abaas, **Georgia Irina Oros,** *New and extended results on fourth-order differential subordination for univalent analytic functions,* Al-Qadisiyah Journal Of Pure Science (QJPS), Vol.(25) Issue (2) (2020) pp. Math. 1–13
2. **Georgia Irina Oros**, Alb Lupaş Alina, *Sufficient conditions for univalence obtained by using Briot-Bouquet differential subordination,* Mathematics and Statistics, Vol. 8(2), 2020, pp. 126 – 136 DOI: 10.13189/ms.2020.080208
3. **Georgia Irina Oros,** *Strong differential superordination and sandwich theorem obtained with some new integral operators,* Journal of Computational Analysis and Applications, Vol.26, No.2, 2019, 256-262, ISSN 1521-1398 Print, ISSN 1572- 9206 Online
4. **Georgia Irina Oros,** Gheorghe Oros, Daniela Andrada Bardac-Vlada, *Differential subordinations obtained using generalizations of Hallenbeck, Ruscheweyh and Suffridge theorems.* Analele Universităţii Oradea, Fasc. Matematica, 24, No. 2, (2017), 121-128 [Zbl 1399.30061]

5. **Georgia Irina Oros** , Gheorghe Oros and Daniela Andrada Bardac-Vlada, *Differential subordinations and superordinations obtained with some new integral operators*, Analele Universităţii Oradea Fasc. Matematica, Tom XXII (2015), Issue No. 2, 177–184
6. **Oros Georgia Irina**, Oros Gheorghe, *Second order differential subordinations and superordinations using the Dziok-Srivastava linear operator*, Mathematica 54(77), Spec. Iss., 155-164 (2012) [Zbl1274.30058]
7. **Georgia Irina Oros,** *A class of univalent functions obtained by general multiplier transformation*, General Mathematics, Vol. 20, No. 2-3 (2012), 75–86
8. **Georgia Irina Oros,** *Briot-Bouquet fuzzy differential subordinations*, Analele Universităţii Oradea, Fasc. Matematica, 19, No 2, pp.83-97 (2012) [Zbl pre06221674]
9. Roxana Şendruţiu, **Georgia Irina Oros,** Gheorghe Oros, *Simple sufficient conditions for univalence of some integral operators*, An. Univ. Oradea, Fasc. Mat. 19, No. 1, 165-170 (2012) [Zbl pre06221655]
10. **Georgia Irina Oros**, *On a new strong differential subordination*, Acta Universitatis Apulensis, No. 32/2012 pp. 243-250 ISSN: 1582-5329
11. Roxana Şendruţiu, **Georgia Irina Oros**, *Sufficient conditions for univalence of certain integral operator*, Acta Universitatis Apulensis, No.29/2012, pp.287-293
12. Alb Lupaş Alina and **Georgia Irina Oros**, *A note on strong differential superordinations using a multiplier transformation and Ruscheweyh operator*, Acta Universitatis Apulensis, Special Issue ICTAMI 2011, pp.407-422
13. **Georgia Irina Oros**, Gheorghe Oros, *Fuzzy differential subordination*, Acta Universitatis Apulensis, No.30/ 2012, pp.55-64, ISSN 1582-5329
14. **Georgia Irina Oros**, Gheorghe Oros, *The notion of subordination in fuzzy sets theory*, General Mathematics, Vol. 19, No. 4 (2011), 97–103, ISSN 1221-5023 [Zbl 1265.03050]
15. **Georgia Irina Oros,** Gheorghe Oros & Alina Alb Lupas, *Some New Integral Operators: Sufficient Conditions for their Univalence*, Journal of Quality Measurement and Analysis, 7(1) 2011, 17-26, ISSN: 1823-5670
16. **Georgia Irina Oros,** *An application of the subordination chains*, Fractional Calculus&Applied Analysis, Volume 13, Number 5 (2010), pp. 521-530, ISSN 1311-0454[Zbl 1244.30018]
17. Gheorghe Oros, **Georgia Irina Oros,** *On a convexity preserving integral operator*, Fractional Calculus&Applied Analysis, Volume 13, Number 5 (2010), pp. 531-536, ISSN 1311-0454[Zbl 1244.30019]
18. **Georgia Irina Oros,** *Strong differential superordination*, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106, ISSN 1582-5329 [Zbl pre05703607]
19. **Georgia Irina Oros,** Gheorghe Oros, Shigeyoshi Owa, *Differential subordinations on p-valent functions of missing coefficients*, International Journal of Applied Mathematics, Volume 22, No.6, 2009, 1021-1030, ISSN 1311-1728 [Zbl pre05652602]
20. **Georgia Irina Oros,** Gheorghe Oros, *Subordinations and superordinations using the Dziok-Srivastava linear operator*, Journal of Mathematics and Applications, vol.31 (2009), 99-106, ISSN 1733-6775
21. **Georgia Irina Oros,** *On an univalent integral operator*, International Journal of open Problems in Complex Anlaysis (IJOPCA), Vol. 1, No. 2, November 2009 , pp.19-28 ISSN 2074-2827
22. **Georgia Irina Oros,** *A new differential inequality*, Acta Universitatis Apulensis, nr.16, 2008, pp.81-85, ISSN 1582-5329 [MR2445942(2009h:30039)]
23. **Georgia Irina Oros**, Gheorghe Oros**,** *Differential subordinations obtained using generalized Salagean and Ruscheweyh operators*, Acta Universitatis Apulensis, nr.14, 2007, pp.129-140, ISSN 1582-5329 [Zbl 1199.30092]
24. Gheorghe Oros**, Georgia Irina Oros**, *Differential superordination defined by Ruscheweyh derivative*, Hokkaido Mathematical Journal, Vol.36(2007), pp.1-8, ISSN: 0385-4035 [Zbl pre05228428]
25. Gheorghe Oros, **Georgia Irina Oros,** *On a differential superordination defined by Ruscheweyh derivative*, Mathematica, Tome 49(72), No.1, 2007, pp.63-68, ISSN: 1222-9016 [Zbl pre05545755] [MR2364031 (2008h:30017)]
26. **Georgia Irina Oros**, *First order strong differential superordination*, General Mathematics, Vol.15, No.2-3 (2007), pp.77-87, ISSN 1221-5023 [Zbl 1164.30346]

27. **Georgia Irina Oros**, Gheorghe Oros**,** *First order linear strong differential subordinations,* General Mathematics, Vol.15, No.2-3 (2007), pp.98-107, ISSN 1221-5023
28. **Georgia Irina Oros,** Gheorghe Oros, *Differential subordinations obtained by using generalized Sălăgean operator,* Journal of Approximation Theory and Applications, Vol.3, No.1-2, (2007), pp. 75-84, ISSN 0973-287X [MR2476938]
29. Gheorghe Oros**, Georgia Irina Oros,** *On a class of univalent functions which extends the class of Mocanu functions,* Pure Mathematics and Applications, Vol. 17(2006), No. 3-4, pp.379-385, ISSN 1218-4586 [MR2481427 (2010b:30021)]
30. Gheorghe Oros**, Georgia Irina Oros**, *A new class of holomorphic functions defined by Ruscheweyh derivate,* Soochow Journal of Mathematics, Vol.32, No.4, pp.499-507, July 2006, ISSN 0250-3255 [Zbl pre05119764]
31. Gheorghe Oros**, Georgia Irina Oros**, B.A.Frasin, *On certain functions with positive real part,* Soochow Journal of Mathematics, Vol.32, No.3, pp.561-565, July 2006, ISSN 0250-3255 [Zbl pre05119770]
32. **Georgia Irina Oros,** *Differential subordinations obtained by using Salagean operator,* Journal of Approximation Theory and Applications, Vol.2, No.2 (2006), pp.113-120, ISSN 0973-287X [MR2475345]
33. Gheorghe Oros**, Georgia Irina Oros**, *An application of Briot-Bouquet differential subordinations,* Buletinul Academiei de Stiinte a Republicii Moldova, Number 1(50), 2006, pp.101-104, ISSN 1024-7696 [Zbl pre05119328]
34. Gheorghe Oros**, Georgia Irina Oros**, *Convexity condition for the Libera integral operator,* Complex Variables and Elliptic Equations.An International Journal , Vol. 51, No.1, January 2006, pp.69-76; ISSN 1747-6933 [Zbl 1097.30018]
35. Gheorghe Oros**, Georgia Irina Oros**, *Applications of Salagean differential operator at the class of meromorphic functions,* Libertas Mathematica, Vol.XXVI (2006), pp.61-67, ISSN 0278-5307 [MR2320022 (2008a:30026)]
36. **Georgia Irina Oros**, *Briot-Bouquet differential superordinations and sandwich theorem*, Libertas Mathematica**,** Vol.XXVI (2006), pp.55-59, ISSN 0278-5307 [MR2320021 (2008a:30026)]
37. **Georgia Irina Oros**, *On a nonlinear differential subordination,* Journal of Approximation Theory and Applications, Vol.2, No1(2006), pp. 43-48
38. **Georgia Irina Oros,** Gheorghe Oros, *The study of a class of univalent functions,* Journal of Approximation Theory and Applications, Vol.2, No.2 (2006), pp.103-111 [MR2475344]
39. **Georgia Irina Oros**, *A new class of univalent functions which extends the class of Mocanu functions,* Advances in Applied Mathematical Analysis, Vol.1, No.2, 2006, ISSN 0973-5313
40. **Georgia Irina Oros**, *Differential subordinations obtained by using Ruscheweyh operator,* Advances in Applied Mathematical Analysis, Vol.1, No.1, 2006 ISSN 0973-5313
41. **Gheorghe Oros,** Georgia Irina Oros, *On a second-order nonlinear differential subordination II,* Advances in Applied Mathematical Analysis, Vol.1, No.1, 2006 ISSN 0973-5313
42. **Georgia Irina Oros**, *On a first order nonlinear differential superordination,* Complex Variables. Theory and Application. An International Journal, Vol.50, Nr.14, 15 November 2005, pp.1087-1093[Zbl 1083.30025]
43. Gheorghe Oros**, Georgia Irina Oros**, *On a particular second-order nonlinear differential subordination II,* Libertas Mathematica, vol. XXV, 2005, Arlington, Texas, pp.89-92, ISSN 0278-5307 [Zbl pre05032753]
44. Gheorghe Oros**, Georgia Irina Oros**, *A new class of holomorphic functions defined by Salagean differential operator,* Libertas Mathematica, vol. XXV, 2005, Arlington Texas, pp.93-96, ISSN 0278-5307 [Zbl 1097.30019]
45. **Georgia Irina Oros**, *On a class of holomorphic functions defined by Salagean differential operator,* Complex Variables. Theory and Application. An International Journal, Vol.50, No.4, 15 March 2005, pp.257-264 [Zbl 1083.30012]
46. **Georgia Irina Oros,** *A new application of Briot-Bouquet differential superordonations and sandwich theorem,* J. Anal. 13 (2005), pp/67-72
47. Gheorghe Oros**, Georgia Irina Oros**, *Briot-Bouquet differential superordinations and sandwich theorem II,* Analele Universitatii Oradea, Fasc.Matematica, Tom XII (2005), 213-219 [Zbl 1109.30026]

48. **Georgia Irina Oros** *Differential subordination defined by Salagean operator,* General Mathematics**,** Vol.13, No.3 (2005), pp.37-46 [Zbl 1109.30024]
49. **Georgia Irina Oros**, *A class of holomorphic functions defined using a differential operator,* General Mathematics, Vol.13, No.4 (2005), pp.13-18 [Zbl 1109.30016]
50. **Georgia Irina Oros**, *First order nonlinear differential superordination,* General Mathematics**,** Vol.13, No.1(2005), pp.83-90 [Zbl 1092.30040]
51. **Georgia Irina Oros**, *On a class of meromorphic functions defined by the Ruscheweyh derivative,* Analele Universitatii Oradea**,** Fasc. Matematica, Tom XII (2005), pp.187-196 [Zbl 1109.30025]
52. Gh. Oros, **Georgia Irina Oros**, *On a special second-order nonlinear differential subordination,* Mathematical Reports, Vol. 7(57), No.2, 2005, pp. 119-123 [Zbl 1089.30020]
53. Gheorghe Oros**, Georgia Irina Oros**, Adriana Cătaş, *A new differential inequality II,* Studia Univ. "Babes-Bolyai", Mathematica, Number 4, December 2004, pp. 85-90 [Zbl 1100.30024]
54. Gheorghe Oros**, Georgia Irina Oros**, *On a second order nonlinear differential subordination,* Mathematica Pannonica, 15/2(2004), pp.289-295 [Zbl pre02186435]
55. Gheorghe Oros**, Georgia Irina Oros**, *A class of holomorphic functions defined by the Ruscheweyh derivative,* Pure Mathematics and Applications, Vol. 15 (2004), No. 2-3, 2004, pp.253-259 [Zbl 1108.30018]
56. Gheorghe Oros**, Georgia Irina Oros**, A.Cătaş, *On a special differential inequality II,* Analele Universitatii Oradea, Fasc. Matematica, Tom XI, 2004, pp.119-122[Zbl 1101.30306]
57. Gheorghe Oros**, Georgia Irina Oros**, *Differential superordination defined by Salagean operator,* General Mathematics, Vol.12, no.4(2004) pp.3-10[Zbl 1092.30042]
58. Gheorghe Oros, **Georgia Irina Oros,** *On a particular first order nonlinear differential subordination I,* Mathematica, Tome 46(69), No.2, 2004, pp.187-191[Zbl 1092.30041]
59. **Georgia Irina Oros**, *A new application of Salagean differential operator at the class of meromorphic functions,* Analele Universitatii Oradea, Fasc. Matematica, Tom XI, 2004, pp.123-132 [Zbl 1100.30022]
60. Gheorghe Oros**, Georgia Irina Oros**, *A class of holomorphic functions II,* Libertas Mathematica, vol. XXIII, 2003, Arlington, Texas, pp.65-68 [Zbl 1060.30021]
61. **Georgia Irina Oros**, *On a class of holomorphic functions defined by the Ruscheweyh derivative,* International Journal of Mathematics and Mathematical Sciences, Volume 2003, No. 65, pp 4139-4144 [Zbl 1034.30010]
62. **Georgia Irina Oros,** *On a nonlinear differential subordination I,* Buletinul Academiei De Ştiinţe A Republicii Moldova. Matematica, No.3(43), 2003, pp 53-57
63. **Georgia Irina Oros**, *On a particular first order nonlinear differential subordination II,* Studia Univ. "Babes-Bolyai", Mathematica, Volume XLVIII, Number 4, December 2003, pp.61-64 [Zbl 1066.30026]
64. **Georgia Irina Oros**, *On a differential inequality,* Analele Universitatii Oradea, Fasc. Matematica, Tom X, 2003, pp.103-108 [Zbl 1119.30307]
65. **Georgia Irina Oros**, Adriana Cătaş, *On a special differential inequality I,* Analele Universitatii Oradea, Fasc. Matematica, Tom X, 2003, pp.109-114 [Zbl 1113.30028]
66. **Georgia Irina Oros**, *On a class of starlike functions of order alfa,*Analele Universitatii Oradea, Fasc. Matematica, Tom IX, 5-12, 2003, pp.61-64 [Zbl 1073.30506]
67. **Georgia Irina Oros**, *A new particular second-order nonlinear differential subordination,* Bull. Math. Soc. Sci. Math. Roumaine (N.S.), 46(94) (2003), no.3-4, pp.157-162(2004) [Zbl 1084.30510]
68. Gheorghe Oros**, Georgia Irina Oros**, *Certain functions with positive real part,* General Mathematics**,** Vol.11, No.3-4(2003), pp.27-33
69. Gheorghe Oros**, Georgia Irina Oros**, *On a first-order nonlinear differential subordination I,* Analele Universitatii Oradea, Fasc. Matematica, Tom IX, 5-12, 2002, pp.65-70 [Zbl 1073.30514]
70. **Georgia Irina Oros**, *On a particular second-order nonlinear differential subordination I,* General Mathematics**,** Vol.10, No.3-4(2002), pp.9-16 [Zbl 1073.30511]
71. **Georgia Irina Oros**, *On a differential inequality II,* General Mathematics**,** Vol.10, No.1-2(2002), pp.33-36 [Zbl 1073.30512]
72. **Georgia Irina Oros**, *On certain subclasses of starlike functions,* Libertas Mathematica, vol.XXII, 2002, Arlington, Texas, pp.77-80 [Zbl 1015.30006]

73. Gheorghe Oros**, Georgia Irina Oros**, *On a second-order nonlinear differential subordination I*, General Mathematics**,** Vol.9, No.3-4(2001), pp.15-20

Lucrări publicate în reviste şi volume de conferinţe cu referenţi

1. **Georgia Irina Oros**, Gheorghe Oros, *On univalent functions defined by a generalized Salagean operator*, Proceedings of the Sixth Congress of Romanian Mathematicians, Bucharest, 2007, vol.1, pp.179-184
2. **Georgia Irina Oros,** Gh. Oros, *On a first order nonlinear differential subordination in the right half-plane*, Proceeding Book of the International Symposium On Geometric Function Theory and Applications, August 20-24, 2007, Istanbul, Turkey, pp. 235-240, ISBN 978-975-6957-42-9
3. Georgia Irina Oros, *On a new class of univalent functions which extends the class of Mocanu functions*, Proceeding Book of the International Symposium On Geometric Function Theory and Applications, August 20-24, 2007, Istanbul, Turkey, pp. 161-168, ISBN 978-975-6957-42-9
4. **Georgia Irina Oros,** *Differential subordinations defined by using Salagean differential operator at the class of meromorphic functions*, Acta Universitatis Apulensis, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 2005, Alba Iulia- Part B, No.11/2006, pp.219-224
5. Gheorghe Oros, **Georgia Irina Oros,** *On a special differential inequality*, Acta Universitatis Apulensis, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 2003, Alba Iulia- Part B, pp.177-182 [Zbl 1100.30023]
6. **Georgia Irina Oros,** *On a differential inequality I*, CAIM 2003, Proceedings of The 11th Conference of Applied and Industrial Mathematics, May 29-31, 2003, Oradea, pp.165-166, ISBN 973 – 613 – 330 – 3
7. Liliana Antonescu, **Georgia Irina Oros,** *Observatii metodice asupra compunerii functiilor*, Proceedings of the 11th Conference on Applied and Industrial Mathematics, May 29-31, 2003, Oradea, Romania, vol.2, pp.65-68, ISBN 973 – 613 – 330 – 3
8. **Georgia Irina Oros,** *A new differential inequality I*, Proceedings of the 11th Conference on Applied and Industrial Mathematics, May 29-31, 2003, Oradea, Romania, vol.2, pp.40-43, ISBN 973 – 613 – 330 – 3
9. **Georgia Irina Oros,** Adriana Cătaş, *On a differential inequality*, Proceedings of the 11th Conference on Applied and Industrial Mathematics, May 29-31, 2003, Oradea, Romania, vol.2, pp.37-40, ISBN 973 – 613 – 330 – 3

Data: 31.07.2024 Conf. univ. dr. habil. Georgia Irina Oros