

Lista de publicații Ágnes-Orsolya Páll-Szabo:

Lista celor maximum 10 lucrări considerate a fi cele mai relevante

1. The radius of convexity of particular functions and applications to the study of a second order differential inequality, **Journal of Contemporary Mathematical Analysis**, ISSN: 1068-3623 (print version), ISSN: 1934-9416 (electronic version)(coautor Engel Olga) Vol. 52, No. 3 (May), 2017,pp. 118-127.
2. Modified Hadamard product properties of certain class of analytic functions with varying arguments defined by Ruscheweyh derivative, **Miskolc Mathematical Notes**, vol . 18, pp. 397-406, HU ISSN 1787-2405 (printed version), HU ISSN 1787-2413 (electronic version)
3. A unified class of harmonic functions with varying argument of coefficients (coautor G.S.Salagean) **Filomat** 32:4 (2018), pp. 1349–1357, <https://doi.org/10.2298/FIL1804349S>
4. On a class of univalent functions defined by Salagean integro-differential operator , **Miskolc Mathematical Notes** , Vol. 19 (2018), No. 2, pp. 1095–1106, DOI:10.18514/MMN.2018.2457
5. Coefficient estimates for some new classes of bi-Bazilevic functions of Ma-Minda type involving the Salagean integro-differential operator (coautor Abbas Kareem Wanas) **Questiones Mathematicae**, 2021, DOI: 10.2989/16073606.2020.1727581
6. Coefficient Related Studies for New Classes of Bi-Univalent Functions (coautor : G. Oros) **MDPI Mathematics** 2020, 8(7), 1110; <https://doi.org/10.3390/math8071110>
7. Generalizations of starlike harmonic functions defined by Salagean and Ruscheweyh derivative , **Ukrainian Mathematical Journal**, Vol. 74 No. 10 (2023)
8. Coefficient Bounds and Fekete-Szego inequality for a Certain Family of Holomorphic and Bi-Univalent Functions Defined by (M,N)-Lucas Polynomials (coautor Abbas Kareem Wanas, G. Salagean) **Filomat**, Vol 37, No 4 (2023),
9. Applications of Horadam Polynomials on a New Family of Bi-Prestarlike Functions (coautor Abbas Kareem Wanas) **Miskolc Mathematical Notes**, Vol. 24 (2023), No. 3, pp. 1605–1613
10. On the order of convolution consistence of certain classes of harmonic functions with varying arguments (coautor G.S.Salagean) **Studia Universitatis Babeş-Bolyai Mathematica**, 68(2023), No. 2, 269–278 DOI: 10.24193/subbmath.2023.2.04

Teza de doctorat: Properties of certain classes of analytic or harmonic functions

Cărți

1. **Properties of certain classes of analytic or harmonic functions**, Cluj-Napoca: Presa Universitară Clujeană, 2019, ISBN 978-606-37-0594-6

Reviste cotate Web of Science:

1. The radius of convexity of particular functions and applications to the study of a second order differential inequality, **Journal of Contemporary Mathematical Analysis**, ISSN: 1068-3623 (print version), ISSN: 1934-9416 (electronic version)(coautor Engel Olga) Vol. 52, No. 3 (May), 2017,pp. 118-127.
2. Modified Hadamard product properties of certain class of analytic functions with varying arguments defined by Ruscheweyh derivative, **Miskolc Mathematical Notes**, vol . 18, pp. 397-406, HU ISSN 1787-2405 (printed version), HU ISSN 1787-2413 (electronic version)
3. A unified class of harmonic functions with varying argument of coefficients (coautor G.S.Salagean) **Filomat** 32:4 (2018), pp. 1349–1357, <https://doi.org/10.2298/FIL1804349S>
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7. Generalizations of starlike harmonic functions defined by Salagean and Ruscheweyh derivative , **Ukrainian Mathematical Journal**, Vol. 74 No. 10 (2023)
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9. Applications of Horadam Polynomials on a New Family of Bi-Prestarlike Functions (coautor Abbas Kareem Wanas) **Miskolc Mathematical Notes**, Vol. 24 (2023), No. 3, pp. 1605–1613
10. On the order of convolution consistence of certain classes of harmonic functions with varying arguments (coautor G.S.Salagean) **Studia Universitatis Babeş-Bolyai Mathematica**, 68(2023), No. 2, 269–278 DOI: 10.24193/subbmath.2023.2.04
11. Analysis of a normalized structure of a complex fractal-fractional integral transform using special functions (coautor Rabha W. Ibrahim, Soheil Salahshour)-**Axioms** 2024, 13(8), 522; <https://doi.org/10.3390/axioms13080522>, Special Issue Advances in Geometric Function Theory and Related Topics, 2 August 2024
12. Toeplitz Matrices for a Class of Bazilevic Functions and the λ -Pseudo-Starlike Functions (coautor Abbas Kareem Wanas, Salam Abdulhussein Sehen)]-**Axioms** 2024, 13(8), 521; <https://doi.org/10.3390/axioms13080521>, Special Issue Advances in Geometric Function Theory and Related Topics, 2 August 2024

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1. Where Are the Quadratic's Complex Roots ?, **Acta Didactica Napocensia**, Volume 8, Number 1, 2015, pp. 37-48, ISSN 2065-1430
2. Properties of certain class of analytic functions with varying arguments defined by Ruscheweyh derivative , **Acta Universitatis Sapientiae, Mathematica** 7, 2 (2015) 278–286, ISSN 2066-7752 (online version) ISSN 1844-6094 (printed version) ISSN-L 1844-6094 (coautor Engel Olga)
3. Certain class of analytic functions with varying arguments defined by Salagean derivative , **Proceedings of the 8th International Conference on Theory and Applications of Mathematics and Informatics**, ICTAMI 2015, Alba Iulia, Romania, 17th-20th of September, 2015, pp. 113-120. ISBN 978-606-613-114-8 (coautor Engel Olga)
4. About the radius of convexity of some analytic functions, **Creative Mathematics and Informatics** , Vol. 24, Issue No. 2/2015 , pp. 157-163 , Print Edition: ISSN 1584 - 286X, Online Edition: ISSN 1843 - 441X (coautori Engel Olga, Kupan Pal)
5. Integral properties of certain class of analytic functions with varying arguments defined by Salagean derivative, **Annals of Oradea University - Mathematics Fascicula** vol. 23(2016), nr.2. , 177–182, ISSN 1221 – 1265
6. Visualizing roots of a cubic equation, **The Electronic Journal of Mathematics & Technology**, Volume 11 (2017), nr. 1, ISSN 1933-2823, **Research Journal of Mathematics & Technology**, RJMT Vol. 6, Nr. 1 (June 2017)
7. Certain class of analytic functions with varying arguments defined by Salagean and Ruscheweyh derivative, **Mathematica (Cluj)** volume 59 (82), No. 1-2 (2017), pp. 80-88.
8. Certain class of analytic functions with varying arguments defined by the convolution of Salagean and Ruscheweyh derivative (coautori Engel Olga, Szatmari Eszter) **Acta Universitatis Apulensis**, No. 51/2017, pp. 61-74.
9. Preserving properties of the generalized Bernardi-Libera-Livingston integral operator defined on some subclasses of starlike functions (coautor Engel Olga) **Konuralp Journal of Mathematics**, Vol. 5, No. 2, 2017, pp. 207- 215
10. Modified Hadamard product properties of certain class of analytic functions with varying arguments defined by Ruscheweyh and Salagean derivative, **Studia Universitatis Babeş-Bolyai Mathematica**, Vol. 62(2017), No. 4, pp. 465–472. DOI: 10.24193/subbmath.2017.4.05
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12. Differential-subordination results obtained by using a new operator (coautor Szatmari Eszter) **General Mathematics** , Vol. 25, No. 1-2 (2017), pp. 119–131
13. Univalence criteria related with the generalised Salagean and Ruscheweyh operator, **Bulletin of the Transilvania University of Braşov**, Vol 11(60), No. 1 – 2018, Series III: Mathematics, Informatics, Physics, 107-114.

14. Coefficient bounds and Fekete-Szegő problem for new classes of analytic functions defined by Salagean integro- differential operator , **Acta Universitatis Apulensis** No. 57/2019, pp. 147-158, doi: 10.17114/j.aaa.2019.57.13
15. Differential subordinations and superordinations for analytic functions defined by Salagean integro- differential operator, **Studia Universitatis Babeş-Bolyai Mathematica**, 64(2019), No. 4, 477–486 , DOI: 10.24193/subbmath.2019.4.03
16. Modified Hadamard product properties of certain class of analytic functions with varying arguments defined by the convolution of Ruscheweyh and Salagean derivative , **Acta Universitatis Sapientiae**, Vol. 11, No. 2, 2019, pp. 350-362
17. Some Properties for Strong Differential Subordination of Analytic Functions Associated with Wanas Operator (coautor Abbas Kareem Wanas), **Earthline Journal of Mathematical Sciences**, ISSN (Online): 2581-8147, Volume 4, Number 1, 2020, pp. 29-38
18. On a certain class of harmonic functions and the generalized Bernardi-Libera-Livingston integral operator (coautor G.S.Salagean), **Studia Universitatis Babeş-Bolyai Mathematica**, 65(2020), No. 3, pp. 365-371
19. On a class of functions associated with Salagean integral operator with negative coefficients (coautor Luminita Cotirla) **Acta Universitatis Apulensis**, No. 61/2020, pp. 81-90 doi: 10.17114/j.aaa.2019.61.07
20. Coefficient Bounds for New Subclasses of Analytic and m -Fold Symmetric Bi-Univalent Functions (coautor Abbas Kareem Wanas) **Studia Universitatis Babeş-Bolyai Mathematica** 66(2021), no.4, pp. 659–666
21. Extensions of coefficient estimates for new classes of bi-univalent functions defined by Salagean integro-differential operator, **Journal of Applied Analysis** vol 27, 2021
22. Differential subordination results for holomorphic functions associated with Wanas operator and poisson distribution series (coautor Abbas Kareem Wanas) **General Mathematics**, Vol. 28, No. 2, 2020.

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