LISTA DE LUCRĂRI
Conf. univ. dr. Alb Lupaș Daciana Alina

LUCRĂRI RELEVANTE SELECTATE (MAXIMUM 10)

1. **Alina Alb Lupaş**, *On special differential subordinations using Sălăgean and Ruscheweyh operators*, Mathematical Inequalities and Applications, Volume 12, Issue 4, 781-790, 2009, WOS:000274131400011 – pag. 3-12
2. **Alina Alb Lupaş**, *On special differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Computers and Mathematics with Applications 61(2011), 1048-1058, doi:10.1016/j.camwa.2010.12.055, WOS:000287783400033 – pag. 13-23
3. **Alina Alb Lupaş**, *On special strong differential subordinations using multiplier transformation*, Applied Mathematics Letters 25(2012), 624-630, doi:10.1016/j.aml.2011.09.074, WOS:000298201700075 – pag 24-30
4. **Alina Alb Lupaş**, *On a certain subclass of analytic functions defined by a generalized Sălăgean operator and Ruscheweyh derivative*, Carpathian Journal of Mathematics, 28 (2012), No. 2, 183-190, WOS:000312047400001 – pag 31-38
5. **Alina Alb Lupaş**, *Aspects of univalent holomorphic functions involving multiplier transformation and Ruscheweyh derivative*, Advances in Difference Equations, 2014, **2014**:117, 11 pag, doi:10.1186/1687-1847-2014-117, WOS:000341808000001 – pag 39-49
6. **Alina Alb Lupaş**, Gheorghe Oros, *On special fuzzy differential subordinations using Sălăgean and Ruscheweyh operators*, Applied Mathematics and Computation, Volume 261, 2015, 119-127, DOI: 10.1016/j.amc.2015.03.087, WOS:000354398200011 – pag 50-58
7. **Alina Alb Lupaş**, *On some differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 23, No. 6, 2017, 1036-1042, WOS:000392909400005 – pag 59-65
8. **Alina Alb Lupaş,** Georgia Irina Oros, *Sandwich-type results regarding Riemann-Liouville fractional integral of q-hypergeometric function,* Demonstr. Math. **56** (2023), no. 1, Paper No. 20220186, 9 pp, doi:10.1515/dema-2022-0186, WOS:000918112100001 – pag 66-74
9. Shatha S. Alhily, **Alina Alb Lupaş**, *Sandwich theorems involving fractional integrals applied to the q-analogue of the multiplier transformation*, AIMS Math. **9** (2024), no. 3, 5850—5862, doi: 10.3934/math.2024284, WOS:001157506800008 – pag 75-87
10. George A. Anastassiou, **Alina Alb Lupaş**, *Differential sandwich theorems for convolution product of Ruscheweyh operator and multiplier transformation*, Rev. Real Acad. Cienc. Exactas Fis. Nat. Ser. A-Mat. 120, 25 (2025), https://doi.org/10.1007/s13398-025-01819-9, WOS 001634562100001 – pag 88-105

1. Teza de doctorat:

Titlul tezei: **D.A. Alb**, *Aspecte categoriale ale teoriei grupurilor şi inelelor topologice*, Universitatea de Stat din Tiraspol, Facultatea de Matematică, 2005, coordonatori ştiinţifici: acad. prof. univ. dr. hab. Mitrofan Cioban, prof. univ. dr. hab. Mihail Ursul.

Teza de abilitare: „*New operators and their applications in Geometric function theory*“ susținută la Universitatea Din Oradea, Școala Doctorală de Științe Inginerești, domeniul de doctorat Matematică, în data de 18.11.2024

2. Publicații:

2.A. Cărți publicate, îndrumare / culegeri publicate:

2.A.1. **Alina Alb Lupaş**, *Aspecte categoriale ale teoriei grupurilor şi inelelor topologice*, Editura Universităţii din Oradea, 2008, 120 pag., ISBN 978-973-759-601-7

2.A.**2. Daciana Alina Alb Lupaş**, *Subordinations and superordinations*, Lap Lambert Academic Publishing, Germany, 2011, 371 pag., ISBN 978-3-8443-2075-6

2.A.3. Alina Alb Lupas, *Categorial aspects of topological groups and rings theory*, Lap Lambert Academic Publishing, Germany, 2011, 91 pag., ISBN: 978-3-8465-2442-8

2.A.4. Alina Alb Lupas, *New applications of operators in Geometric Function Theory*, Casa Cărții de Știință, Cluj Napoca, 2025, 302 pag, ISBN 978-606-17-2529-8

2.A.5. Alina Alb Lupaș, *New Operators and Their Applications in Geometric Function Theory*, World Scientific, Series on Concrete and Applicable Mathematics: Volume 27, 2026, 380 pages, https://doi.org/10.1142/14467, ISBN 978-981-98-1878-5 (hardcover), 978-981-98-1880-8 (ebook)

2.A.6. Alina Alb Lupaş, *Tehnologii de informare şi comunicare. Aplicaţii în ştiinţele educaţiei*, Editura Universităţii din Oradea, 2019, 199 pag., ISBN 978-606-10-2032-4

2.A.7. Alina Alb Lupaş, Adriana Cătaş, Delia Tuşe, *Algoritmica grafurilor*, Editura Universităţii din Oradea, 2019, 203 pag., ISBN 978-606-10-2034-8

2.A.8. Alina Alb Lupaş, *Matematica în grădiniţă*, Editura Universităţii din Oradea, 2013, 236 pag., ISBN 978-606-10-1016-5

2.A.9. Alina Alb Lupaş, *Predarea matematicii în învăţământul primar. Aspecte metodice*, Editura Universităţii din Oradea, 2013, 300 pag., ISBN 978-606-10-1119-3

2.A.10. Alina Alb Lupaş, Loriana Andrei, *Algebră şi geometrie pentru ingineri*, Editura Universităţii din Oradea, 2011, 250 pag, ISBN 978-606-10-0624-3.

2.A.11. D. Wainberg, D. Breaz, **A. Alb Lupaş**, *Elemente de Algoritmica grafurilor*, Editura Aeternitas, Alba Iulia, 2010, 193 pag, ISBN 978-973-1890-68-5

2.A.12. Alina Alb Lupaş, Vasile Aurel Căuş, *Matematică aplicată în economie*, Editura Universităţii din Oradea, 2007, 140 pag., ISBN 978-973-759-365-8

2.A.13. Alina Alb, Victor Kos, Horea Oros, Dan Noje, *Utilizarea PC-urilor. Ghid pentru începători*, Editura Universităţii din Oradea, 2006, 140 pag., ISBN (10) 973-759-050-3, ISBN (13) 978-973-759-050-3

2.A.14. Alina Alb, *Combinatorică şi teoria grafurilor*, Editura Universităţii din Oradea, 2006, 130 pag, ISBN (10) 973-759-032-5 ; ISBN (13) 978-973-759-032-9

2.A.15. Alina Alb Lupaş, *Introducere în teoria inelelor şi modulelor*, Editura Universităţii din Oradea, 2005, 130 pag, ISBN 973-613-939-5

2.A.16. Alina Alb Lupaş, Loriana Andrei, *Algebră liniară, geometrie analitică şi diferenţială*, Editura Universităţii din Oradea, 2005, 218 pag, ISBN 973-613-931-X

2.A.17. Alina Alb Lupaş, *Culegere de probleme de Matematici aplicate în economie*, Editura Universităţii din Oradea, 2005, 138 pag, ISBN 973-613-905-0

2.A.18. Alina Alb Lupaş, *Matematică aplicată în economie*, Editura Universităţii din Oradea, 2005, 284 pag, ISBN 973-613-904-2

2.A.19 Alina Alb, Aurel Alb, *Ghid de pregătire la Matematică în liceu*, Editura Imprimeriei de Vest Oradea 2004, 202 pag., ISBN 973-704-015-5

2.A.20. Alina Alb, Aurel Alb, *Matematica în liceu*, Editura Imprimeriei de Vest Oradea 2001, 198 pag., ISBN 973-8195-10-1

2.A.21. D. Ionac, S. Mureşan, **A. Alb**, B. Bede, *Analiză matematică – Culegere de probleme vol.I.,* Editura Brevis, Oradea 2000, 205 pag, ISBN 973-98546-4-5.

2.A.22. Alina Alb, Aurel Alb, *Geometrie analitică. Soluţiile tuturor problemelor din manualele pentru clasele a IX-a şi a XI-a*, Editura Imprimeriei de Vest Oradea 2000, 138 pag., ISBN 973-9329-78-0

2.A.23. Alina Alb, Aurel Alb, *Algebră. Soluţiile tuturor exerciţiilor şi problemelor din manualul pentru clasa a X-a,* Editura Imprimeriei de Vest Oradea 1998, 148 pag., ISBN 973-9329-13-6

2.B. Capitole publicate în volume colective:

2.B.1. **Alina Alb**, *Some coreflective categories of topological modules*, ALGEBRAS, RINGS AND THEIR REPRESENTATIONS, *World Sci. Publ., Hackensack, NJ,* 2006, p. 1-6

2.B.2. **Alb Lupaş Alina**, *Inequalities for Analytic Functions Defined by a Fractional Integral Operator*, chapter 36 - "FRONTIERS IN FUNCTIONAL EQUATIONS AND ANALYTIC INEQUALITIES" (FEAI), Springer, (2020) 731-745

2.B.3. **A. Alb Lupaş**, *Inequalities for special strong differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, chapter 20 "FRONTIERS IN FUNCTIONAL EQUATIONS AND ANALYTIC INEQUALITIES"(FEAI), Springer, (2020), 357-370

2.B.4. **Alb Lupas**, *Some differential subordinations using Ruscheweyh derivative and a multiplier transformation*, Proceedings Volume entitled "Computational Analysis: Contributions from AMAT 2015", Chapter 8, 97-117, Springer International Publishing Switzerland, New York, 2016

2.B.5. **A. Alb Lupas**, *Some Differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, edited book of mathematical analysis "ADVANCES IN MATHEMATICAL ANALYSIS AND THEIR MULTI-DISCIPLINARY APPLICATIONS", Springer, 2022, 284-302

2.B.6. **A. Alb Lupaş**, *Other Differential Sandwich Results Involving Multiplier transformation and Atangana-Baleanu Fractional Integral*, In: Singh, J., Anastassiou, G.A., Baleanu, D., Kumar, D. (eds) ADVANCES IN MATHEMATICAL MODELLING, APPLIED ANALYSIS AND COMPUTATION. ICMMAAC 2024. Lecture Notes in Networks and Systems, 2025, vol 1395, Springer, Cham, pp. 162-179, https://doi.org/10.1007/978-3-031-90914-6_13

2.B.7. **A. Alb Lupaş**, *Aspecte teoretice şi practice ale introducerii numărului natural şi a operaţiilor aritmetice la preşcolari*, capitol cap 10 pg. 195-210, în cartea „Repere psihopedagogice şi metodice actuale în învăţământul preşcolar", Editura Didactică şi Pedagogică, Bucureşti, 2014

2.B.8. **A. Alb Lupaş**, *Folosirea corectă a unor termeni în activităţile matematice din grădiniţă*, Mai învaţă! Modernitate, Acceptare, Inovație în învățământul românesc, Presa Universitară Clujeană, 2018, ISBN 978-606-37-0325-6, p. 16-22.

2.C. Capitole teoretice redactate:

2.D. Sisteme de laborator funcționale, după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice / profesionale.

3. Articole / studii publicate:

3.A. în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță:

ISI

3.A.1. **Alina Alb Lupaş**, *A special comprehensive class of analytic functions defined by multiplier transformation*, Journal of Computational Analysis and Applications, Vol. 12, No. 2, 2010, 387-395

3.A.2. **Alina Alb Lupaş**, *A note on a certain subclass of analytic functions defined by multiplier transformation*, Journal of Computational Analysis and Applications, Vol. 12, No. 1-B, 2010, 369-373

3.A.3. **Alina Alb Lupaş**, *On special differential subordinations using Sălăgean and Ruscheweyh operators*, Mathematical Inequalities and Applications, Volume 12, Issue 4, 781-790, 2009, nr. articol 12-61

3.A.4. **Alina Alb Lupaş**, Adriana Cătaş, *A note on a subclass of analytic functions defined by Ruscheweyh derivative*, Journal of Mathematical Inequalities, volume 4, Number 2 (2010), 233-236.

3.A.5. **Alina Alb Lupaş**, *On special differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Computers and Mathematics with Applications 61(2011), 1048-1058, doi:10.1016/j.camwa.2010.12.055

3.A.6. **Alina Alb Lupaş**, *On special differential subordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 13, No.1, 2011, 98-107

3.A.7. **Alina Alb Lupaş**, *Certain special differential superordinations using multiplier transformation and Ruscheweyh derivative* , Journal of Computational Analysis and Applications, Vol. 13, No.1, 2011, 108-115

3.A.8. **Alina Alb Lupaş**, *On a subclass of analytic functions defined by Ruscheweyh derivative and multiplier transformations*, Journal of Computational Analysis and Applications, Vol. 13, No.1, 2011, 116-120

3.A.9. **Alina Alb Lupaş**, *On special differential superordinations using multiplier transformation*, Journal of Computational Analysis and Applications, Vol. 13, No.1, 2011, 121-126

3.A.10. **Alina Alb Lupaş**, *A new comprehensive class of analytic functions defined by multiplier transformation*, Mathematical and Computer Modelling 54 (2011) 2355–2362, doi:10.1016/j.mcm.2011.05.044

3.A.11. **Alina Alb Lupaş**, *On special strong differential subordinations using multiplier transformation*, Applied Mathematics Letters 25(2012), 624-630, doi:10.1016/j.aml.2011.09.074

3.A.12. **Alina Alb Lupaş**, Georgia Irina Oros, Gheorghe Oros, *On special strong differential subordinations using Sălăgean and Ruscheweyh operators*, Journal of Computational Analysis and Applications, Vol. 14, No. 2, 2012, 266-270

3.A.13. **Alina Alb Lupaş**, Georgia Irina Oros, 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

3.A.14. **Alina Alb Lupaş**, *On a certain subclass of analytic functions defined by a generalized Sălăgean operator and Ruscheweyh derivative*, Carpathian Journal of Mathematics, 28 (2012), No. 2, 183-190

3.A.15. **Alina Alb Lupaş**, *A Note on Special Fuzzy Differential Subordinations Using Generalized Salagean Operator and Ruscheweyh Derivative*, Journal of Computational Analysis and Applications, Vol. 15, No. 8, 2013, 1476-1483

3.A.16. **Alina Alb Lupaş**, *On special fuzzy differential subordinations using convolution product of Sălăgean operator and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 15, No. 8, 2013, 1484-1489

3.A.17. **Alina Alb Lupaş**, *Some differential subordinations using Ruscheweyh derivative and Sălăgean operator*, Advances in Difference Equations.2013, 2013:150., DOI: 10.1186/1687-1847-2013-150, http://www.advancesindifferenceequations.com/content/2013/1/150

3.A.18. **Alina Alb Lupaş, Adriana Cătaş**, *A New Comprehensive Class of Analytic Functions Using Multiplier Transformations*, Journal of Computational Analysis and Applications, Vol. 17, No. 4, 2014, 743-745

3.A.19. **Alina Alb Lupaş**, *A note on special strong differential superordinations using multiplier transformation*, Journal of Computational Analysis and Applications, Vol. 17, No. 4, 2014, 746-751

3.A.20**. Alina Alb Lupas**, *Aspects of univalent holomorphic functions involving multiplier transformation and Ruscheweyh derivative*, Advances in Difference Equations, **2014**:117 doi:10.1186/1687-1847-2014-117, http://www.advancesindifferenceequations.com/content/2014/1/117

3.A.21**. Alina Alb Lupas**, *Properties on a subclass of univalent functions defined by using a multiplier transformation and Ruscheweyh derivative*, Analele Univ. Ovidius, seria Matematica, Vol. 23(1), 2015, p. 9-24

3.A.22. **Alina Alb Lupas,** L. Andrei, *Aspects of univalent holomorphic functions involving Ruscheweyh derivative and generalized Sălăgean operator*, Journal of Computational Analysis and Applications, Vol. 19, No. 2, 2015, 272-277

3.A.23. **Alina Alb Lupas**, *On a certain subclass of analytic functions involving Sălăgean operator and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 19, No. 2, 2015, 278-281

3.A.24. **Alina Alb Lupas**, *New classes containing multiplier transformation and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 19, No. 2, 2015, 282-286

3.A.25. **Alina Alb Lupaş**, Gheorghe Oros, *On special fuzzy differential subordinations using Sălăgean and Ruscheweyh operators*, Applied Mathematics and Computation, Volume 261, 2015, 119-127, DOI: 10.1016/j.amc.2015.03.087

3.A.26. Georgia Irina Oros, Gheorghe Oros, **Alina Alb Lupas**, 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

3.A.27. **Alina Alb Lupaş**, *Properties on a subclass of univalent functions defined by using Sălăgean operator and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 21, No.7, 2016, 1213-1217

3.A.28**. Alina Alb Lupas**, *About some differential sandwich theorems using a multiplier transformation and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 21, No.7, 2016, 1218-1224

3.A.29. **Alina Alb Lupas**, *On some differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 23, No. 6, 2017, 1036-1042

3.A.30. **Alina Alb Lupas**, *On special fuzzy differential subordinations using multiplier transformation*, Journal of Computational Analysis and Applications, Vol. 23, No. 6, 2017, 1029-1035

3.A.31. **Alina Alb Lupas**, *About some differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, Journal of Computational Analysis and Applications, Vol. 25, No. 6, 2018, 1116-1124

3.A.32. **Alina Alb Lupas**, *A note on special fuzzy differential subordinations using multiplier transformation and Ruschewehy derivative*, Journal of Computational Analysis and Applications, Vol. 25, No. 6, 2018, 1125-1131

3.A.33. **A. Alb Lupas**, *A subclass of analytic functions defined by a fractional integral operator*, Journal of Computational Analysis and Applications, Vol. 27, No.3, 2019, 502-505.

3.A.34. **A. Alb Lupas**, *Properties on a subclass of analytic functions defined by a fractional integral operator*, Journal of Computational Analysis and Applications, Vol. 27, No.3, 2019, 506-510.

3.A.35. **Alb Lupas¸, A.**; Oros, G.I. *Differential Subordination and Superordination Results Using Fractional Integral of Confluent Hypergeometric Function*. Symmetry Basel 2021, 13, 327. https://doi.org/10.3390/sym13020327

3.A.36. **Alina Alb Lupas**, *New Applications of the Fractional Integral on Analytic Functions*, Symmetry Basel 2021, 13, 423. https://doi.org/10.3390/sym13030423

3.A.37. Artion Kashuri, Badreddine Meftah, Pshtiwan Othman Mohammed, **Alina Alb Lupas**, Bahaaeldin Abdalla, Y. S. Hamed and Thabet Abdeljawad, *Fractional Weighted Ostrowski-Type Inequalities and Their Applications*, Symmetry Basel 2021, 13, 968. https://doi.org/10.3390/sym13060968

3.A.38. **Alina Alb Lupas** and Adriana Catas, *An application of the principle of differential subordination to analytic functions involving Atangana-Baleanu fractional integral of Bessel functions,* Symmetry Basel 2021, 13, 971. https://doi.org/10.3390/sym13060971

3.A.39. **Alina Alb Lupaş**, *Applications of a Multiplier Transformation and Ruscheweyh Derivative for Obtaining New Strong Differential Subordinations*, Symmetry 2021, 13, 1312. https://doi.org/10.3390/ sym13081312

3.A.40. A. **Alb Lupas**, GI Oros, *On special differential subordinations using fractional integral of Salagean and Ruscheweyh operators*, Symmetry 2021, 13, 1553. https://doi.org/10.3390/sym13091553

3.A.41. **A. Alb Lupaş**, GI Oros, *New applications of Salagean and Ruscheweyh operators for obtaining fuzzy differential subordinations*, Mathematics 2021, 9, 2000. https://doi.org/10.3390/math9162000

3.A.42. Atshan, W.G.; Rahman, I.A.R.; **Alb Lupas, A.** *Some Results of New Subclasses for Bi-Univalent Functions Using Quasi-Subordination*. Symmetry 2021, 13, 1653. https://doi.org/10.3390/ sym13091653

3.A.43. **A. Alb Lupas**, *Subordination results for a fractional integral operator*, Problemy Analiza-Issues of Analysis, Volume 11 (29), No 1, 2022

3.A.44. **A. Alb Lupas**, G.I. Oros, *Strong differential superordination results involving extended Salagean and Ruscheweyh operators*, Mathematics 2021, 9, 2487. https://doi.org/10.3390/ math9192487

3.A.45. **Alb Lupas, A**. *Applications of the Fractional Calculus in Fuzzy Differential Subordinations and Superordinations*. Mathematics 2021, 9, 2601. https://doi.org/10.3390/ math9202601

3.A.46 **Alb Lupas, A**.; Cătas, A. *Fuzzy Differential Subordination of the Atangana–Baleanu Fractional Integral*. Symmetry 2021, 13, 1929. https://doi.org/10.3390/sym13101929

3.A.47. **Alb Lupas, A.**; Andrei, L. *Certain Integral Operators of Analytic Functions*. Mathematics 2021, 9, 2586. https://doi.org/10.3390/math9202586

3.A.48. **Alina Alb Lupas**, *Fuzzy differential sandwich theorems involving fractional integral of confluent hypergeometric function*, Symmetry, Symmetry 2021, 13, 1992. https:// doi.org/10.3390/sym13111992

3.A.49. Darweesh, A.M.; Atshan, W.G.; Battor, A.H.; **Alb Lupas, A.** *Third-Order Differential Subordination Results for Analytic Functions Associated with a Certain Differential Operator*. Symmetry 2022, 14, 99. https://doi.org/10.3390/ sym14010099

3.A.50. Mihsin, B.K.; Atshan, W.G.; Alhily, S.S.; **Alb Lupaş, A.** *New Results on Fourth-Order Differential Subordination and Superordination for Univalent Analytic Functions Involving a Linear Operator*. Symmetry 2022, 14, 324. https:// doi.org/10.3390/sym14020324

3.A.51. Catas, A.; **Alb Lupas, A.** *Some Subordination Results for Atangana–Baleanu Fractional Integral Operator Involving Bessel Functions*. Symmetry 2022, 14, 358. https://doi.org/10.3390/ sym14020358

3.A.52. **Alb Lupas, A.** *New Applications of Fractional Integral for Introducing Subclasses of Analytic Functions*. Symmetry 2022, 14, 419. https://doi.org/10.3390/ sym14020419

3.A.53 **Alb Lupas, A**.; Oros, G.I. *Fractional Integral of a Confluent Hypergeometric Function Applied to Defining a New Class of Analytic Functions*. Symmetry 2022, 14, 427. https://doi.org/10.3390/ sym14020427

3.A.54. **Alb Lupas, A.**; Oros, G.I. *Fractional Calculus and Confluent Hypergeometric Function Applied in the Study of Subclasses of Analytic Functions*. Mathematics 2022, 10, 705. https://doi.org/10.3390/math 10050705

3.A.55. **Alb Lupas, A.**; Catas, A. *Applications of the Atangana–Baleanu Fractional Integral Operator*. Symmetry 2022, 14, 630. https://doi.org/10.3390/ sym14030630

3.A.56. **Alb Lupas, A.**; El-Deeb, S.M. *Subclasses of Bi-Univalent Functions Connected with Integral Operator Based upon Lucas Polynomial*. Symmetry 2022, 14, 622. https://doi.org/10.3390/ sym14030622

3.A.57. Kareem Wanas, A.; **Alb Lupas, A.** *Applications of Laguerre Polynomials on a New Family of Bi-Prestarlike Functions*. Symmetry 2022, 14, 645. https://doi.org/ 10.3390/sym14040645

3.A.58. **Alb Lupas, A.**; Catas, A. *Properties of a Subclass of Analytic Functions Defined by Using an Atangana–Baleanu Fractional Integral Operator*. Symmetry 2022, 14, 649. https://doi.org/10.3390/ sym14040649

3.A.59. Govindan, V.; **Alb Lupas, A.**; Noeiaghdam, S. *Stability of Additive Functional Equation Originating from Characteristic Polynomial of Degree Three*. Symmetry 2022, 14, 700. https:// doi.org/10.3390/sym14040700

3.A.60. El-Deeb, S.M.; **Alb Lupaş, A.** *Coefficient Estimates for the Functions with Respect to Symmetric Conjugate Points Connected with the Combination Binomial Series and Babalola Operator and Lucas Polynomials*. Fractal Fract. 2022, 6, 360. https://doi.org/10.3390/fractalfract6070360

3.A.61. M.O. Oluwayemi, **Alb Lupas Alina**, Adriana Catas¸ *Results on a class of analytic functions with finitely many fixed coefficients related to a generalised multiplier transformation,* Scientific African, Volume 15, March 2022, e01115

3.A.62. Abbas Kareem Wanas and **Alb Lupaş Alina**, *Sandwich Theorems for Multivalent Analytic Functions Associated with Differential Operator*, Kragujevac Journal of Mathematics Volume 45(1) (2021), Pages 7–20

3.A.63. Theyab, S.D.; Atshan, W.G.; **Alb Lupaș, A.**; Abdullah, H.K. *New Results on Higher-Order Differential Subordination and Superordination for Univalent Analytic Functions Using a New Operator*. Symmetry 2022, 14, 1576. https://doi.org/10.3390/sym14081576

3.A.64. Afzal, W.; **Alb Lupas, A.**; Shabbir, K. *Hermite–Hadamard and Jensen-Type Inequalities for Harmonical (h1, h2)-Godunova–Levin Interval-Valued Functions*. Mathematics 2022, 10, 2970. https:// doi.org/10.3390/math10162970

3.A.65. **Alb Lupas, A.** *Subordination Results on the q-Analogue of the Sălăgean Differential Operator*. Symmetry 2022, 14, 1744. https://doi.org/10.3390/ sym14081744

3.A.66. **Alb Lupaș, A.** *On Special Fuzzy Differential Subordinations Obtained for Riemann–Liouville Fractional Integral of Ruscheweyh and Sălăgean Operators*. Axioms 2022, 11, 428. https://doi.org/10.3390/ axioms11090428

3.A.67. Hamzat, J.O.; Oluwayemi, M.O.; **Alb Lupaș, A.**; Wanas, A.K. *Bi-Univalent Problems Involving Generalized Multiplier Transform with Respect to Symmetric and Conjugate Points*. Fractal Fract. 2022, 6, 483. https://doi.org/10.3390/ fractalfract6090483

3.A.68. **Alb Lupaș, A.** *Applications of the q-Sălăgean Differential Operator Involving Multivalent Functions*. Axioms 2022, 11, 512. https://doi.org/ 10.3390/axioms11100512

3.A.69. **Alb Lupaș, A.**; Oros, G.I. *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

3.A.70. **Alb Lupaş Alina**, Bipan Hazarika, *Differential Sandwich Theorems for Atangana–Baleanu Fractional Integral Applied to Extended Multiplier Transformation*, Mathematical Problems in Engineering, vol. 2022, Article ID 5239339, 11 pages, 2022. https://doi.org/10.1155/2022/5239339

3.A.71. **Alb Lupas¸ A.**; Oros, G.I. *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

3.A.72. **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. doi: 10.3934/math.2023246

3.A.73. El-Deeb, S.M.; **Alb Lupas, A.** *Fuzzy Differential Subordination for Meromorphic Function Associated with the Hadamard Product.* Axioms 2023, 12, 47. https://doi.org/ 10.3390/axioms12010047

3.A.74. **A. Alb Lupas**, G.I. Oros, *Sandwich type results regarding Riemann-Liouville fractional integral of q-confluent hypergeometric function*, Demonstratio Mathematica, 2022; 55: 1–9, https://doi.org/10.1515/dema-2022-0186

3.A.75. Hadi, S.H.; Darus, M.; **Alb Lupas, A.** *A Class of Janowski-Type (p, q)-Convex Harmonic Functions Involving a Generalized q -Mittag–Leffler Function*. Axioms 2023, 12, 190. https://doi.org/10.3390/ axioms12020190

3.A.76. **Alb Lupas, A.**; Cătaș, A. *Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*. Fractal Fract. 2023, 7, 199. https://doi.org/ 10.3390/fractalfract7020199

3.A.77. Frasin, B.; **Alb Lupas, A**. *An Application of Poisson Distribution Series on Harmonic Classes of Analytic Functions*. Symmetry 2023, 15, 590. https://doi.org/10.3390/ sym15030590

3.A.78. Sheza M. El-Deeb and **Alina Alb Lupas**, *Fuzzy differential subordinations connected with convolution*, Stud. Univ. Babeș-Bolyai Math. 68(2023), No. 1, 1–10, DOI: 10.24193/subbmath.2023.1.11

3.A.79. **Alb Lupaș, A.**; Ghanim, F. *Strong Differential Subordination and Superordination Results for Extended q-Analogue of Multiplier Transformation*. Symmetry 2023, 15, 713. https://doi.org/10.3390/ sym15030713

3.A.80. Khalida Inayat Noor, **Alina Alb Lupas**, Shujaat Ali Shah, Alanod M. M. Sibih, S. Abdel-Khalek, *Study of Generalized q-Close-to-Convex Functions Related to Parabolic Domain*, Journal of Function Spaces, 2023, Article Number 2608060, DOI 10.1155/2023/2608060

3.A.81. Wanas, A.K.; Sakar, F.M.; **Alb Lupas, A.** *Applications Laguerre Polynomials for Families of Bi-Univalent Functions Defined with (p, q)-Wanas Operator*. Axioms 2023, 12, 430. https://doi.org/ 10.3390/axioms12050430

3.A.82. **Alb Lupas, A.** *Fuzzy Differential Inequalities for Convolution Product of Ruscheweyh Derivative and Multiplier Transformation*. Axioms 2023, 12, 470. https://doi.org/10.3390/ axioms12050470

3.A.83. Hadi, S.H.; Darus, M.; Ghanim, F.; **Alb Lupas, A.** *Sandwich-Type Theorems for a Family of Non-Bazilevic Functions ˘ Involving a q-Analog Integral Operator*. Mathematics 2023, 11, 2479. https://doi.org/10.3390/ math11112479

3.A.84. **Alb Lupas, A.** *New Applications of Fuzzy Set Concept in the Geometric Theory of Analytic Functions*. Axioms 2023, 12, 494. https://doi.org/10.3390/ axioms12050494

3.A.85. **Alina Alb Lupas**, Shujaat Ali Shah and Loredana Iambor, *Fuzzy differential subordination and superordination results for q-analogue of multiplier transformation*, AIMS Mathematics, 2023**,** 8 **(7),** 15569-15584, https://doi.org/10.3934/math.2023794

3.A.86. **Alb Lupas, A.** *New Results on a Fractional Integral of Extended Dziok–Srivastava Operator Regarding Strong Subordinations and Superordinations*. Symmetry 2023, 15, 1544. https://doi.org/ 10.3390/sym15081544

3.A.87. **Alb Lupas, A.** Fuzzy D*ifferential Subordination and Superordination Results for Fractional Integral Associated with Dziok-Srivastava Operator.* Mathematics 2023, 11, 3129. https://doi.org/10.3390/ math11143129

3.A.88. **Alina Alb Lupaş** and Mugur Acu, *Properties of a subclass of analytic functions defined by Riemann-Liouville fractional integral applied to convolution product of multiplier transformation and*

Ruscheweyh derivative, Demonstratio Mathematica 2023; 56: 20220249, https://doi.org/10.1515/dema-2022-024

3.A.89. Ashraf, R.; Nawaz, R.; Alabdali, O.; Fewster-Young, N.; Ali, A.H.; Ghanim, F.; **Alb Lupas, A**. *A New Hybrid Optimal Auxiliary Function Method for Approximate Solutions of Non-Linear Fractional Partial Differential Equations*. Fractal Fract. 2023, 7, 673. https://doi.org/ 10.3390/fractalfract7090673

3.A.90. Alhily, S.S.; **Alb Lupas, A.** *Certain Class of Close-to-Convex Univalent Functions*. Symmetry 2023, 15, 1789. https://doi.org/10.3390/ sym15091789

3.A.91. Swamy, S.R.; **Alb Lupas, A.**; Magesh, N.; Sailaja, Y. *Properties of a Special Holomorphic Function Linked with a Generalized Multiplier Transformation*. Mathematics 2023, 11, 4126. https://doi.org/10.3390/ math11194126

3.A.92. Abdulnabi, F.F.; Al-Janaby, H.F.; Ghanim, F.; **Alb Lupas, A.** *Some Results on Third-Order Differential Subordination and Differential Superordination for Analytic Functions Using a Fractional Differential Operator*. Mathematics 2023, 11, 4021. https://doi.org/ 10.3390/math11184021

3.A.93. **Alb Lupas, A.**; Oros, G.I. *Strong Differential Subordinations and Superordinations for Riemann–Liouville Fractional Integral of Extended q-Hypergeometric Function*. Mathematics 2023, 11, 4474. https://doi.org/10.3390/ math11214474

3.A.94. Almalki, Y.; Wanas, A.K.; Shaba, T.G.; **Alb Lupas, A.**; Abdalla, M. *Coefficient Bounds and Fekete–Szegö Inequalities for a Two Families of Bi-Univalent Functions Related to Gegenbauer Polynomials*. Axioms 2023, 12, 1018. https:// doi.org/10.3390/axioms12111018

3.A.95. Badiwi, E.I.; Atshan, W.G.; Alkiffai, A.N.; **Alb Lupas, A.** *Certain Results on Subclasses of Analytic and Bi-Univalent Functions Associated with Coefficient Estimates and Quasi-Subordination.* Symmetry 2023, 15, 2208. https://doi.org/10.3390/ sym15122208

3.A.96. Shatha S. Alhily, **Alina Alb Lupaş**. *Sandwich theorems involving fractional integrals applied to the q-analogue of the multiplier transformation*. AIMS Mathematics, 2024, 9(3): 5850-5862. doi: 10.3934/math.2024284

3.A.97. Hamzat, J.O.; Oluwayemi, M.O.; Oladipo, A.T.; **Alb Lupas, A**. *On α-Pseudo Spiralike Functions Associated with Exponential Pareto Distribution (EPD) and Libera Integral Operator*. Mathematics 2024, 12, 1305. https:// doi.org/10.3390/math12091305

3.A.98. Olatunji, S.O.; Oluwayemi, M.O.; Porwal, S.; **Alb Lupas, A.** *On Quasi-Subordination for Bi-Univalency Involving Generalized Distribution Series*. Symmetry 2024, 16, 773. https://doi.org/10.3390/ sym16060773

3.A.99. Abdulnabi, F.F.; F. Al-Janaby, H.; Ghanim, F.; **Alb Lupas, A.** *Geometric Features of the Hurwitz–Lerch Zeta Type Function Based on Differential Subordination Method*. Symmetry 2024, 16, 784. https://doi.org/ 10.3390/sym16070784

3.A.100. Jia, Z.; **Alb Lupaş, A.**; Bin Jebreen, H.; Oros, G.I.; Bulboacă, T.; Ahmad, Q.Z. *Fractional Differential Operator Based on Quantum Calculus and Bi-Close-to-Convex Functions*. Mathematics 2024, 12, 2026. https:// doi.org/10.3390/math12132026

3.A.101. Shakeel, K.; **Alb Lupas, A.**; Abbas, M.; Mohammed, P.O.; Abdullah, F.A.; Abdelwahed, M. *Construction of Soliton Solutions of Time-Fractional Caudrey–Dodd– Gibbon–Sawada–Kotera Equation with Painlevé Analysis in Plasma Physics*. Symmetry 2024, 16, 824. https://doi.org/10.3390/ sym16070824

3.A.102. Sabir, P.O.; **Alb Lupas A.**; Khalil, S.S.; Mohammed, P.O.; Abdelwahed, M. *Some Classes of Bazilevi˘c-Type Close-to-Convex Functions Involving a New Derivative Operator*. Symmetry 2024, 16, 836. https://doi.org/10.3390/sym16070836

3.A.103. Isra Al-Shbeil, Timilehin Gideon Shaba, Eada Ahmed Al-zahrani, **Alina Alb Lupas**, Reem K. Alhefthi, *Exploring a distinct group of analytical functions linked with Bernoulli's Lemniscate using the q-derivative,* Heliyon, 2024, Vol. 10, Iss. 14, e34095, ISSN 2405-8440, https://doi.org/10.1016/j.heliyon.2024.e34095.

3.A.104. G. Saravanan, S. Baskaran, B. Vanithakumari, Lulah Alnaji, Timilehin Gideon Shaba, Isra Al-Shbeil and **Alina Alb Lupas**, *Bernoulli Polynomials for a New Subclass of Te-Univalent Functions*, Heliyon, Vol. 10, Iss. 14, E33953, July 30, 2024, ISSN 2405-8440, https://doi.org/10.1016/j.heliyon.2024.e33953

3.A.105. Mohammed, P.O.; Lizama, C.; **Alb Lupas, A.**; Al-Sarairah, E.; Abdelwahed, M. *Maximum and Minimum Results for the Green's Functions in Delta Fractional Difference Settings*. Symmetry 2024, 16, 991. https://doi.org/10.3390/ sym16080991

3.A.106. Hadi, SH; Shaba, TG; Madhi, ZS; Darus, M; **Alb Lupaş, A**, Tchier, F, *Boundary values of Hankel and Toeplitz determinants for q-convex functions*, Methodsx, Volume 13, DOI 10.1016/j.mex.2024.102842

3.A.107. Aamer, Z.; Jawad, S.; Batiha, B.; Ali, A.H.; Ghanim, F.; **Alb Lupaş, A**. *Evaluation of the Dynamics of Psychological Panic Factor, Glucose Risk and Estrogen Effects on Breast Cancer Model*. Computation 2024, 12, 160. https://doi.org/10.3390/ computation12080160

3.A.108. Yousif, M.A.; Agarwal, R.P.; Mohammed, P.O.; **Alb Lupas, A.**; Jan, R.; Chorfi, N. *Advanced Methods for Conformable Time-Fractional Differential Equations: Logarithmic Non-Polynomial Splines*. Axioms 2024, 13, 551. https://doi.org/10.3390/ axioms13080551

3.A.109. Mohammed, P.O.; **Alb Lupas, A.**; Agarwal, R.P.; Yousif, M.A.; Al-Sarairah, E.; Abdelwahed, M. *Theoretical Investigation of Fractional Estimations in Liouville–Caputo Operators of Mixed Order with Applications*. Axioms 2024, 13, 570. https://doi.org/10.3390/ axioms13080570

3.A.110. **Alb Lupas, A.** *Strong Sandwich-Type Results for Fractional Integral of the Extended q-Analogue of Multiplier Transformation*. Mathematics 2024, 12, 2830. https:// doi.org/10.3390/math12182830

3.A.111. Izgi, Z.P.; Mohammed, P.O.; Agarwal, R.P.; Yousif, M.A.; **Alb Lupas, A.**; Abdelwahed, M. *Efficient Study on Westervelt-Type Equations to Design Metamaterials via Symmetry Analysis*. Mathematics 2024, 12, 2855. https://doi.org/10.3390/ math12182855

3.A.112. Mariam Sultana, Muhammad Waqar, Ali Hasan Ali, **Alina Alb Lupaş**, F. Ghanim, Zaid Ameen Abduljabbar. *Numerical investigation of systems of fractional partial differential equations by new transform iterative technique*. AIMS Mathematics, 2024, 9(10): 26649-26670. doi: 10.3934/math.20241296

3.A.113. Mohammed, P.O.; Agarwal, R.P.; Yousif, M.A.; Al-Sarairah, E.; **Alb Lupas, A.**; Abdelwahed, M. *Theoretical Results on Positive Solutions in Delta Riemann–Liouville Setting*. Mathematics 2024, 12, 2864. https://doi.org/10.3390/ math12182864

3.A.114. Jakhar, J.; Sharma, S.; Jakhar, J.; Yousif, M.A.; Mohammed, P.O.; **Alb Lupas, A.**; Chorfi, N. *Orthogonal Stability and Solution of a Three-Variable Functional Equation in Extended Banach Spaces*. Mathematics 2024, 12, 2868. https://doi.org/ 10.3390/math12182868

3.A.115. Alawaideh, Y.M.; **Alb Lupas, A.**; Al-khamiseh, B.M.; Yousif, M.A.; Mohammed, P.O.; Hamed, Y.S. *Hamiltonian Formulation for Continuous Systems with Second-Order Derivatives: A Study of Podolsky Generalized Electrodynamics*. Axioms 2024, 13, 665. https://doi.org/ 10.3390/axioms13100665

3.A.116. Zhou, Z.; Al Ahmadi, A.A.; **Alb Lupas, A.;** Hakami, K.H. *A New Contribution in Fractional Integral Calculus and Inequalities over the Coordinated Fuzzy Codomain*. Axioms 2024, 13, 666. https://doi.org/10.3390/axioms13100666

3.A.117. Sarem H. Hadi, Timilehin Gideon Shaba , Zainab S. Madhi, Maslina Darus, **Alina Alb Lupaş**, Fairouz Tchier, *Boundary values of Hankel and Toeplitz determinants for q-convex functions*, MethodsX 13 (2024) 102842, https://doi.org/10.1016/j.mex.2024.102842

3.A.118. Srivastava, HM; Cho, NE; Alderremy, AA; **Alb Lupas, A**; Mahmoud, EE; Khan, S, *Sharp inequalities for a class of novel convex functions associated with Gregory polynomials*. J Inequal Appl 2024, 140 (2024). https://doi.org/10.1186/s13660-024-03210-5

3.A.119. Vivas-Cortez, M.; Yousif, M.A.; Mohammed, P.O.; **Alb Lupas, A.**; Ibrahim, I.S.; Chorfi, N. *Hyperbolic Non-Polynomial Spline Approach for Time-Fractional Coupled KdV Equations: A Computational Investigation*. Symmetry 2024, 16, 1610. https://doi.org/10.3390/ sym16121610

3.A.120. Ibrahim M, Sudharsanan B, **Alb Lupaş A**, Gunasekar S, Yalçin S. *Inequalities of Coefficients and the Fekete-Szegö Problem Associated with λ-Pseudo Starlike Functions*. Contemp. Math. 2024 Dec. 12, 5(4):6103-19. https://ojs.wiserpub.com/index.php/CM/article/view/5312

3.A.121. Yousaf, Muhammad Zain, Abbas, Muhammad, **Alb Lupas, Alina**, Abdullah, Farah Aini, Iqbal, Muhammad Kashif, Alharthi, Muteb R. and Hamed, Yasser S., *Propagation of optical spatial solitons in nematic liquid crystals with quadruple power law of nonlinearity appears in fluid mechanics*, Open Physics, vol. 22, no. 1, 2024, pp. 20240100 https://doi.org/10.1515/phys-2024-0100

3.A.122. Al-Shbeil, Isra ; Bouzid, Houari ; Abdelkader, Benali ; **Alb Lupas, Alina**; Samei, Mohammad Esmael ; Alhefthi, Reem K., *On the existence of solutions to fractional differential equations involving Caputo q-derivative in Banach spaces*, Heliyon, 11 (1), 2025, Elsevier, 2405-8440, doi: 10.1016/j.heliyon.2024.e40876

3.A.123. Vivas-Cortez, M.; Yousif, M.A.; Mahmood, B.A.; Mohammed, P.O.; Chorfi, N.; **Alb Lupas, A**. *High-Accuracy Solutions to the Time-Fractional KdV–Burgers Equation Using Rational Non-Polynomial Splines*. Symmetry 2025, 17, 16. https://doi.org/10.3390/sym17010016

3.A.124. Hadi, S.H.; Saleem, Y.H.; **Alb Lupaș, A.**; Alshammari, K.M.K.; Alatawi, A. *Toeplitz Determinants for Inverse of Analytic Functions*. Mathematics 2025, 13, 676. https:// doi.org/10.3390/math13040676

3.A.125. Mohammed, P.O.; Alharthi, M.R.; Yousif, M.A.; **Alb Lupas, A**.; Azzo, S.M. *Modeling and Neural Network Approximation of Asymptotic Behavior for Delta Fractional Difference Equations with Mittag-Leffler Kernels*. Fractal Fract. 2025, 9, 452. https://doi.org/10.3390/ fractalfract9070452

3.A.126. Murugusundaramoorthy, Gangadharan, **Alb Lupas, Alina**, Alburaikan, Alhanouf and El-Deeb, Sheza M. *Coefficient functionals for Sakaguchi-type-Starlike functions subordinated to the three-leaf function*, Demonstratio Mathematica, vol. 58, no. 1, 2025, pp. 20250123. https://doi.org/10.1515/dema-2025-0123

3.A.127. Manal Alqhtani, Rabia Gul, Muhammad Abbas, **Alina Alb Lupaș**, Khaled M. Saad. *Explicit travelling wave solutions to the modified Korteweg-de Vries-Zakharov-Kuznetsov and the time-regularized long-wave equations using two efficient integration techniques*. AIMS Mathematics, 2025, 10(8): 18268-18294. doi: 10.3934/math.2025816

3.A.128. Amina Bibi, **Alina Alb Lupas**, Muhammad Abbas, Muhammad Kashif Iqbal, Y. S. Hamed and Miguel Vivas-Cortez, *New Applications Of The Fractional Derivative To Extract Abundant Soliton Solutions Of The Time Fractional Zakharov–Kuznetsov–Benjamin–Bona–Mahony Equation In Mathematical Physics*, Fractals-Complex Geometry Patterns And Scaling In Nature And Society, Doi 10.1142/S0218348X25400912

3.A.129. Marium Khadim, Muhammad Abbas, Tahir Nazir, **Alina Alb Lupas**, Muhammad Nadeem Anwar, M. R. Alharthi. *Bifurcation analysis and optical soliton solutions of the ion sound and Langmuir wave equation using the modified Khater method*. AIMS Mathematics, 2025, 10(8): 19617-19641. doi: 10.3934/math.2025875

3.A.130. Alsager, K, Sakar, F. M, **Alb Lupas, A**, & El-Deeb, S. *Application on convolution for fuzzy differential subordination of meromorphic functions*. Turkish Journal of Mathematics, 2025, 49 (5): 625-635. https://doi.org/10.55730/1300-0098.3613

3.A.131. **Alb Lupaș, A.**; Tayyah, A.S.; Sokół, J. *Sharp Bounds on Hankel Determinants for Starlike Functions Defined by Symmetry with Respect to Symmetric Domains.* Symmetry 2025, 17, 1244. https://doi.org/10.3390/sym17081244

3.A.132. Murugusundaramoorthy, Gangadharan, **Alb Lupas, Alina**, Vijaya, Kaliappan, Yousif, Majeed Ahmad, Mohammed, Pshtiwan Othman, Rosy, Thomas, Hamed, Yasser Salah, *Fractional Analysis Of Coefficient Estimates For Starlike Functions In Shell-Like Domains*, Fractals-Complex Geometry Patterns and Scaling in Nature and Society, Doi 10.1142/S0218348X25402716, Early Access SEP 2025, Indexed 2025-09-18, WOS:001567691300001

3.A.133. Adel Salim Tayyah, Sarem H. Hadi, Zhi-Gang Wang and **Alina Alb Lupas**, *Classes of Ma-Minda type analytic functions associated with a kidney-shaped domain*, AIMS Mathematics, 10(9): 22445–22470. DOI: 10.3934/math.20251000

3.A.134. Arooma Zainab, Muhammad Abbas, Yagoub A. S. Arko, **Alina Alb Lupas**, Tahir Nazir and Muhammad Zain Yousaf, *Bifurcation and solitary wave solutions of a time-dependent paraxial equation using improved modified extended tanh function method*, AIMS Mathematics, 10(9): 22471–22496. DOI: 10.3934/math.20251001

3.A.135. Afzal, F.; **Alb Lupas, A.** *Lie Symmetry Analysis, Optimal Systems and Physical Interpretation of Solutions for the KdV-Burgers Equation*. Symmetry 2025, 17, 1981. https://doi.org/10.3390/ sym17111981

3.A.136. George A. Anastassiou, **Alina Alb Lupas**, *Differential sandwich theorems for convolution product of Ruscheweyh operator and multiplier transformation*, Rev. Real Acad. Cienc. Exactas Fis. Nat. Ser. A-Mat. 120, 25 (2025), https://doi.org/10.1007/s13398-025-01819-9

3.A.137. Farouq Alshormani, Bushra Kanwal, Faiza Attiq, Amr M. Y. Abdelaty, **Alina Alb Lupas** and Ibrahim S. Elshazly, *Estimating 2,3-Fold Hankel Determinants, Zalcman Functionals and Logarithmic Coefficients of Certain Subclasses of Holomorphic Functions with Bounded Rotations*, Symmetry 2026, 18, 51 https://doi.org/10.3390/sym18010051

3.A.138. Azhar F, Asjad MI, Yousif MA, **Alb Lupas A**, Baloch IA, Mohammed PO. *A Novel Family of Discrete Variant Inequality for Jensen and Hermite-Hadamard Types in the p-Harmonic Convex Function Setting*. Contemp. Math. 2026 Jan. 27; 7 (1): 940-64, https://doi.org/10.37256/cm.7120268590

3.A.139. Mansha, M.; Ahmad, S.; **Alb Lupas, A**. *A Computational Analysis of Spectral Properties and Energies of Distance-Based Matrices for Selected Hydrocarbons*. Symmetry 2026, 18, 306. https://doi.org/10.3390/sym18020306

3.A.140. Darweesh, A.M.; Tayyah, A.S.; Hadi, S.H.; **Alb Lupaş, A**. *Sandwich Results for Holomorphic Functions Related to an Integral Operator*. Fractal Fract. 2026, 10, 171. https://doi.org/10.3390/fractalfract10030171

3.A.141. Layth T. Khudhuir, Hiba F. Al-Janaby, Firas Ghanim and **Alina Alb Lupaş**, *A Wright-Based Generalization of the Euler Beta Function with Statistical Applications*, Mathematics 2026, 14, 1069, https://doi.org/10.3390/math14061069

3.A.142. Mohammad El-Ityan, Adel Salim Tayyah, Mohammed Hamzah Alsalihi, Basem Aref Frasin and **Alina Alb Lupas**, *Sharp Coefficient Estimates for Analytic Functions Subordinate to the Cusp Domain: Theory and Image Processing Applications*, Mathematics 2026, 14, 1075, https://doi.org/10.3390/math14061075

3.A.143. **Alina Alb Lupas** and Daria Lupas, *Fuzzy Study Regarding the Fractional Integral Applied to the q-Multiplier Transformation*, Symmetry 2026, 18, 549, https://doi.org/10.3390/sym18040549

3.A.144. Yusra Taj, Sarfraz Nawaz Malik and **Alina Alb Lupas**, *Symmetric Properties of Janowski-Type q-Harmonic Close-to-Convex Functions,* Symmetry 2026, 18, 702 https://doi.org/10.3390/sym18050702

3.A.145. Sarem H. Hadi, Yahea Hashem Saleem, Abdullah Alatawi, Maslina Darus, **Alina Alb Lupaş**. *A class of bi-univalent functions subordinate to the -Gregory function with an application*. AIMS Mathematics, 2026, 11(4): 11993-12010. doi: 10.3934/math.2026492

3.A.146. Taj, Y.; Malik, S.N.; **Alb Lupaş, A.** *Asymptotic Properties of Classes of Meromorphic Harmonic Functions via q-Differential Operator*. Axioms 2026, 15, 383. https://doi.org/10.3390/axioms15050383

3.A.147. **Alb Lupas, A.**; Mohammed, P.O.; Yaseen, B.D.; Yousif, M.A.; Youssef, H.M. *Exact Dynamics and Optimization for a Discrete-Time SIR Model Using Time-Dependent Parameters*. Fractal Fract. 2026, 10, 371. https://doi.org/10.3390/fractalfract10060371

3.A.148. Ali Hasan Ali, Iman A. Abdul Samad, Huda J. Saeed, Firas Ghanim, **Alina Alb Lupaş**. *Predictor-corrector higher derivative-free algorithms for nonlinear equations with basin of attraction analysis*. AIMS Mathematics, 2026, 11(6): 16550-16569. doi: 10.3934/math.2026679

3.B. indexate în baze de date internaționale recunoscute (BDI):

3.B.**1. Alina Alb Lupas**, *Differential Sandwich Theorems using a multiplier transformation and Ruscheweyh derivative*, Advances in Mathematics: Scientific Journal 4 (2015), no.2, 195-207

3.B.**2. Alina Alb Lupas**, *Some Differential Sandwich Theorems using a multiplier transformation and Ruscheweyh derivative*, Electronic Journal of Mathematics and Its Application (EJMIA), Vol. 1, No. 2, 2015, 76-86. www.ejmia.in

3.B.**3. Alina Alb Lupas**, *On a certain subclass of analytic functions involving multiplier transformation and Ruscheweyh derivative*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXII (2015), Issue No. 2, 73-80

3.B.**4. Alina Alb Lupaş,** *On a certain subclass of analytic functions defined by multiplier transformations*, Analele Universitatii Oradea Fasc. Matematica, Tom XXII (2015), Issue No. 2, 149-154

3.B.**5. Alina Alb Lupaş,** *Differential subordinations using multiplier transformation* – Advances and Applications in Mathematical Sciences, Vol. 14, Issue 3, March 2015, 71-89

3.B.**6. Alina Alb Lupas**, D*ifferential subordinations using Ruscheweyh derivative and a multiplier transformation*, Journal of Applied Functional Analysis, Vol. 10, No.'s 1-2, 2015, 78-88

3.B.**7. Alina Alb Lupas**, Loriana Andrei, *On a certain subclass of analytic functions involving generalized Sălăgean operator and Ruscheweyh derivative*, Journal of Applied Functional Analysis, Vol. 10, No.'s 1-2, 2015, 89-94

3.B.**8. Alina Alb Lupas,** *Aspects of univalent holomorphic functions involving Sălăgean operator and Ruscheweyh derivative*, Journal of concrete and applicable mathematics, Vol. 13, No.'s 1-2, 2015, 51-59

3.B.**9. Alina Alb Lupas**, Loriana Andrei, *Properties on a subclass of univalent functions defined by using a generalized Sălăgean operator and Ruscheweyh derivative*, Journal of Concrete and Applicable Mathematics, Vol. 13, No.'s 1-2, 2015, 60-68

3.B.**10. Alina Alb Lupaş**, *On a subclass of analytic functions defined by multiplier transformations*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXII (2015), Issue No. 1, 125-128

3.B.**11. A. Alb Lupaş**, *A note on differential superordinations using a generalized Sălăgean and Ruscheweyh operators*, General Mathematics Vol. 22, No. 2 (2014), 43–53

3.B.**12. Alina Alb Lupas**, *On univalence criteria for analytic functions defined by Sălăgean operator and Ruscheweyh derivative*, Acta Universitatis Apulensis, 39 (2014), 25-30

3.B.**13. Alina Alb Lupaş**, *Differential subordinations using Ruscheweyh derivative and Sălăgean operator*, TWMS J. App. Eng. Math. V.4, No.1, 2014, 33-38

3.B.**14. Alina Alb Lupaş**, *On special strong differential superordinations using Sălăgean and Ruscheweyh operators*, Journal of Advances in Applied & Computational Mathematics, 2014, Vol. 1, No. 1, 1-7

3.B.**15. Alina Alb Lupas**, Loriana Andrei, New *classes containing generalized Sălăgean operator and Ruscheweyh derivative*, Acta Universitatis Apulensis, No. 38/2014, 319-328

3.B.**16. Alina Alb Lupaş**, *Some differential subordinations using multiplier transformation*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXI (2014), Issue No. 2, 133-142

3.B.**17. Alina Alb Lupas,** Loriana Andrei, *On univalence criteria for analytic functions defined by generalized Sălăgean operator and Ruscheweyh derivative*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXI (2014), Issue No. 2, 179-185

3.B.**18. Alina Alb Lupas**, *On univalence criteria for analytic functions defined by multiplier transformation and Ruscheweyh derivative*, International Journals of Open Problems in Computer Science and Mathematics, Vol. 7, No. 1, March 2014, 14-21

3.B.**19. Alina Alb Lupas**, *New classes containing Sălăgean operator and Ruscheweyh derivative*, International Journals of Open Problems in Complex Analysis, Vol. 6, No. 1, March 2014, 33-39

3.B.**20. Alina Alb Lupaş,** Adriana Cătaş, *A New Comprehensive Class of Analytic Functions Defined by Ruscheweyh Derivative and Multiplier Transformations*, Journal of Concrete and Applicable Mathematics, Vol. 12, No.'s 3-4, 2014, 201-204

3.B.**21. Alina Alb Lupaş**, *A note on strong differential subordinations using Sălăgean operator and Ruscheweyh derivative*, Journal of Applied Functional Analysis, Vol. 9, No.'s 1-2, 2014, 144-152

3.B.**22. Alina Alb Lupaş**, *Certain differential superordinations using a multiplier transformation and Ruscheweyh derivative*, Buletinul Academiei de Ştiinţe a Republicii Moldova. Matematica, Numbers 2(72)−3(73), 2013, 119–131

3.B.**23. Alina Alb Lupaş**, *A note on strong differential subordinations using a generalized Sălăgean operator and Ruscheweyh operator*, Acta Universitatis Apulensis No. 34/2013, 105-114

3.B.**24. Alina Alb Lupaş**, *A note on special strong differential subordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Anale Univ Oradea, Fasc. Matematica, Tom XIX (2012), Issue No. 2, 5-15

3.B.**25. Alina Alb Lupaş**, *A note on special strong differential superordinations using a multiplier transformation and Ruscheweyh derivative*, Int. J. Open Problems Complex Analysis, Vol. 5, No. 1, 2012, 33-47

3.B.**26. Alina Alb Lupaş**, *Certain differential subordinations using Sălăgean and Ruscheweyh operators*, Acta Universitatis Apulensis, No. 29/2012, 125-129

3.B.**27. Alina Alb Lupaş**, *Certain strong differential superordinations using a multiplier transformation and Ruscheweyh operator*, Analele Universităţii din Oradea, Fascicola Matematica, Tom XIX (2012), Issue No. 1, 125-136

3.B.**28. Alina Alb Lupaş**, *Certain strong differential superordinations using Sălăgean and Ruscheweyh operators*, Acta Universitatis Apulensis No. 30/2012, 325-336

3.B. **29. Alina Alb Lupaş**, *On special strong differential superordinations using multiplier transformation*, Bessel J. Math., **2**(1)(2012), 29-42

3.B.**30. Alina Alb Lupaş**, *On special strong differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Cayley J. Math., **1**(1)(2012), 11-27

3.B.**31. Alina Alb Lupaş**, *On special strong differential superordinations using a multiplier transformation and Ruscheweyh derivative*, Diophantus J. Math., **1**(1)(2012), 29-46

3.B.**32. Alina Alb Lupaş**, *On special strong differential subordinations using a multiplier transformation and Ruscheweyh derivative*, J. Adv. Math. Stud. Vol. **5**(2012), No. 1, 59-70

3.B.**33. Alina Alb Lupaş**, *A note on strong differential superordinations using Sălăgean and Ruscheweyh operators*, Journal of Applied Functional Analysis, Vol. 7, No.'s 1-2, 2012, 54-61

3.B.**34. Alina Alb Lupaş**, *Certain strong differential superordinations using a generalized Sălăgean operator and Ruscheweyh operator*, Journal of Applied Functional Analysis, Vol. 7, No.'s 1-2, 2012, 62-68

3.B.**35. Alina Alb Lupaş**, *On special strong differential subordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Journal of Concrete and Applicable Mathematics, Vol. 10, No.'s 1-2, 2012, 17-23

3.B.**36. Alina Alb Lupaş**, *A note on special strong differential subordinations using a multiplier transformation and Ruscheweyh derivative*, Journal of Concrete and Applicable Mathematics, Vol. 10, No.'s 1-2, 2012, 24-31

3.B.**37. Alina Alb Lupaş**, *A note on strong differential superordinations using a generalized Sălăgean operator and Ruscheweyh operator*, GFTA 2011, Stud. Univ. Babes-Bolyai Math. 57(2012), No. 2, 153–165

3.B.**38. Alina Alb Lupaş**, *On special differential superordinations using multiplier transformation and Ruscheweyh derivative*, International Journal of Research and Reviews in Applied Sciences 9 (2), November 2011, 211-222

3.B.**39. Alina Alb Lupaş**, *Certain special differential superordinations using multiplier transformation*, International Journal of Open Problems in Complex Analysis, Vol. 3, No. 2, July, 2011, 50-60

3.B.**40. Alina Alb Lupaş**, *A note on strong differential subordinations using Sălăgean and Ruscheweyh operators*, Libertas Mathematica, tomus XXXI (2011), 15-21

3.B.**41. Alina Alb Lupaş**, *Certain special differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative*, Analele Universitatii Oradea, Fasc. Matematica, Tom XVIII (2011), 167-178

3.B.**42. Alina Alb Lupaş**, *Certain strong differential subordinations using a multiplier transformation and Ruscheweyh operator*, International Journal of Open Problems in Complex Analysis, Vol. 3, No. 1, 2011, 1-8

3.B.**43. Alina Alb Lupaş**, *Certain differential superordinations using a generalized Sălăgean and Ruscheweyh operators*, Acta Universitatis Apulensis nr. 25/2011, 31-40

3.B.**44. Alina Alb Lupaş**, *Certain strong differential subordinations using Sălăgean and Ruscheweyh operators*, Advances in Applied Mathematical Analysis, Volume 6, Number 1 (2011), 27–34

3.B.**45.** 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

3.B.**46. Alina Alb Lupaş**, Adriana Cătaş, *A subclass of analytic functions defined by a generalized Sălăgean operator*, Analele Universităţii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 2, 2010, 55-58

3.B.**47. Alina Alb Lupaş**, *Certain differential superordinations using Sălăgean and Ruscheweyh operators*, Analele Universităţii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 2, 2010, 209-216

3.B.**48. Alina Alb Lupaş**, *A note on differential superordinations using a multiplier transformation and Ruscheweyh derivative*, Studia Universitatis Babes-Bolyai. Mathematica, Vol. LV, nr. 3/2010, 3-20

3.B.**49. Alina Alb Lupaş**, *Certain differential subordinations using a generalized Sălăgean operator and Ruscheweyh operator* , Journal of Mathematics and Applications, No. 33 (2010), pp. 67-72

3.B.**50. Alina Alb Lupaş**, Adriana Cătaş, *A note on a subclass of analytic functions defined by a generalized Sălăgean operator*, Acta Univ. Apulensis, Math. Inform. nr. 21, 2010, 35-39

3.B.**51. Alina Alb Lupaş**, *On a subclass of analytic functions defined by Ruscheweyh derivative and generalized Salagean operator*, Acta Univ. Apulensis, Math. Inform. 22, 2010, 17-22

3.B.**52. Alina Alb Lupaş**, *A note on differential superordinations using Sălăgean and Ruscheweyh operators*, Acta Universitatis Apulensis, nr. 24/2010, pp. 201-209

3.B.**53. Alina Alb Lupaş**, *On special differential subordinations using multiplier transformation and Ruscheweyh derivative*, Romai Journal, Vol. 6, Nr. 2, 2010, p. 1-14

3.B.**54. Alina Alb Lupaş**, *A note on a subclass of analytic functions defined by multiplier transformations*, International Journal of open Problems in Complex Analysis (IJOPCA), Vol. 2. No. 2, 2010, 154-159

3.B.**55. Alina Alb Lupaş**, *A note on a subclass of analytic functions defined by Ruscheweyh derivative and multiplier transformations*, International Journal of open Problems in Complex Analysis (IJOPCA), Vol. 2. No. 2, 2010, 60-66

3.B.**56. Alina Alb Lupas**, Adriana Catas, *On a subclass of analytic functions defined by differential Salagean operator*, Analele Universitatii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 1, 2010, 7-10

3.B.**57. Alina Alb Lupas**, Daniel Breaz, *A note on a subclass of analytic functions defined by Ruscheweyh derivative and generalized Salagean operator*, Analele Universitatii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 1, 2010, 11-15

3.B.**58. Alina Alb Lupaş**, Adriana Cătaş, *A note on a subclass of analytic functions defined by a generalized Salagean and Ruscheweyh operator*, General Mathematics, Vol. 17, No. 4 (2009), 75–81

3.B.**59. Alina Alb Lupaş**, Adriana Cătaş, *A note on a subclass of analytic functions defined by a differential operator*, Buletinul Academiei de Ştiinţe a Republicii Moldova. Matematica nr. 2 (60), 2009, 131-134

3.B.**60**. Adriana Cătaş, **Alina Alb Lupaş**, *On sufficient conditions for certain subclass of analytic functions defined by differential Salagean operator*, International Journal of open Problems in Complex Analysis, Vol. 1, No. 2, Nov. 2009, p. 14-18

3.B.**61. Alina Alb Lupaş**, Adriana Cătaş, *On a subclass of analytic functions defined by Ruscheweyh derivative,* Analele Universităţii din Oradea, fascicula Matematica, Tom XVI, 2009, p. 225-228

3.B.**62. Alina Alb Lupaş**, *On a certain subclass of analytic functions defined by Salagean and Ruscheweyh operators*, Journal of Mathematics and Applications, No. 31, (2009), p. 67-76

3.B.**63. Alina Alb Lupaş**, *A subclass of analytic functions defined by Ruscheweyh derivative*, Acta Universitatis Apulensis, nr. 19/2009, 31-34

3.B.**64. Alina Alb Lupaş**, *A subclass of analytic functions defined by differential Sălăgean operator*, Acta Universitatis Apulensis, nr. 20/2009, 259-263

3.B.**65. Alina Alb Lupaş**, *A subclass of analytic functions defined by a generalized Sălăgean and Ruscheweyh operator*, ROMAI Journal, vol. 5, nr. 1 (2009), p. 1-6

3.B.**66. Alina Alb Lupaş**, Adriana Cătaş, *On a subclass of analytic functions defined by a generalized Sălăgean and Ruscheweyh operator*, Journal of Approximation Theory and Applications, Vol. 4, No. 1-2, (2008), p. 1-5

3.B.**67. Alina Alb Lupaş**, Adriana Cătaş, *On a subclass of analytic functions defined by a generalized Sălăgean operator*, ROMAI Journal, vol.4, nr.2 (2008), p. 57-60

3.B.**68. Alina Alb**, *Epireflective subcategories in the category of compact modules*, Analele Universităţii din Oradea, fascicula Matematică, Tom XIII, 2006, p. 23-30

3.B.**69.** Sondekola Rudra Swamy, **Alina Alb Lupas**, *Bi-univalent Function Subfamilies Defined by q - Analogue of Bessel Functions Subordinate to (p, q) - Lucas Polynomials*, WSEAS Transactions on Mathematics, ISSN / E-ISSN: 1109-2769 / 2224-2880, Volume 21, 2022, Art. #15, p.98-106, DOI: 10.37394/23206.2022.21.15

3.B.**70. Alina Alb**, Mihail Ursul, *A few homological characterizations of compact semisimple rings*, Journal of Algebra and its Applications, Vol. 4, No. 5(2005), p. 539-549

3.B.**71**. Mircea Balaj, **Alina Alb**, *Teoreme de punct fix, proprietăţi de secţiune şi inegalităţi minimax pe K-G-spaţii,* Analele Universităţii din Oradea, Ed. Universităţii din Oradea, 2001, 201-208

3.B.**72. Alina Alb**, Mihail Ursul, *A note on epi-reflective subcategories of the category of abelian topological groups,* Bulletins for Applied & Computer Mathematics, Pannonian Applied Mathematical Meetings, Budapest, 2000, pp. 331-336

3.B.**73. Alina Alb Lupas**, *About differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, TJMM 8 (2016), No. 1, 67-76

3.B.**74. Alina Alb Lupas**, *Differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXIV (2017), Issue No. 1, 93-102

3.B.**75. Alina Alb Lupas**, *A note on special fuzzy differential subordinations using multiplier transformation*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXIII (2016), Issue No. 2, 183-191

3.B.**76.** Abbas Kareem Wanas, **Alb Lupas Alina**, *On a new strong differential subordinations and superordinations of analytic functions involving the generalized operator*, International Journal of Pure and Applied Mathematics Volume 116 No. 3, 2017, 571-579.

3.B.**77**. Abbas Kareem Wanas and **Alb Lupas Alina** - *Some Subordination and Superordination Results for Normalized Analytic Functions Defined by Convolution Structure Associated with Wanas Differential Operator*, Earthline Journal of Mathematical Sciences ISSN (Online): 2581-8147 Volume 4, Number 1, 2020, Pages 115-127, https://doi.org/10.34198/ejms.4120.115127

3.B.**78**. S. M. El-Deeb, **Alina Alb Lupas** - *Fuzzy differential subordinations associated with an integral operator*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXVII (2020), Issue No. 1, 133-140

3.B.**79**. **Alb Lupas Alina**, *Subordination results for fractional integral associated with Dziok-Srivastava operator*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXVII (2020), Issue No. 1, 125-131

3.B.**80**. **Alb Lupas Alina**, *Other Subordination Results for Fractional Integral Associated with Dziok-Srivastava Operator* - Journal of Advances in Applied & Computational Mathematics, 2019, 6, 19-21, http://dx.doi.org/10.15377/2409-5761.2019.06.2

3.B.**81**. Georgia Irina Oros and **Alina Alb Lupas**, *Sufficient conditions for univalence obtained by using Briot-Bouquet differential subordination* - Mathematics and Statistics 8(2): 126-136, 2020 DOI: 10.13189/ms.2020.080208

3.B.**82**. A. K. Wanas and **Alb Lupaş Alina**, *Applications of Horadam polynomials on Bazilevi˘c bi-univalent function satisfying subordinate conditions*, Journal of Physics: Conf. Series, 1294, (2019), 1-6, DOI: 10.1088/1742-6596/1294/3/032003

3.B.**83**. Abbas Kareem Wanas and **Alb Lupaş Alina**, *Sandwich Theorems for Multivalent Analytic Functions Associated with Differential Operator*, Kragujevac Journal of Mathematics Volume 44(1) (2020), Pages 27–39.

3.B.**84**. M. O. Oluwayemi, K. O. Dopamu, **A. Alb Lupas**, *On a family of univalent functions associated with multiplier transformationsm*, International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 12, December 2018, pp. 425–438, Article ID: IJMET_09_12_046

3.B.**85**. L. Andrei, **A. Alb Lupas**, Differential Sandwich Theorems using a generalized Salagean operator and Ruscheweyh operator, An. Univ. Oradea, fasc. Math., Tom XXV (2018), Issue No. 2, 213-221

3.B.**86**. **A. Alb Lupas**, *On special fuzzy differential subordinations using generalized Salagean operator and Ruscheweyh derivative*, Journal of Advances in Applied & Computational Mathematics, Volume 4, Year 2017, 26-34, DOI: http://dx.doi.org/10.15377/2409-5761.2017.04.5

3.B.**87**. **A. Alb Lupas**, *About differential sandwich theorems using multiplier transformation and Ruscheweyh derivative*, Recent Trends in Pure and Applied Mathematics, TREPAM 31 July-4 August 2017 Alba Iulia, 55-66

3.B.**88. A. Alb Lupas**, M. Cioban, *On a subclass of analytic functions defined by a fractional integral operator*, International Conference on Mathematics, Informatics and Information Technologies, 19-21 April, 2018, Bălți, Republica Moldova, pag. 8-14

3.B.**89**. **A. Alb Lupas**, *Differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, ICS 2016, Analele Universitatii Oradea, Fasc. Matematica, Tom XXIV (2017), Issue No. 1, 93-102

3.B.**90**. **A. Alb Lupas**, *A note on special fuzzy differential subordinations using multiplier transformation*, Analele Universitatii Oradea, Fasc. Matematica, Tom XXIII (2016), Issue No. 2, 183-191

3.B.**91. Alina Alb Lupaş**, *Some fuzzy differential subordinations using Ruscheweyh derivative and Sălăgean operator*, Proceedings of the 12th International Symposium on Geometric Function Theory and Applications August 25-28, 2016, Alba Iulia, Romania, 89-98, GFTA 2016, Alba Iulia

3.B.**92. A. Alb Lupas**, *About differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative*, TJMM 8 (2016), No. 1, 67-76

3.B.**93**. A. **Alb Lupas**, About a subclass of analytic functions defined by a fractional integral operator, Montes Taurus J. Pure Appl. Math. 3 (3), 200–210, 2021

3.B.**94**. S. R. Swamy, **Alina Alb Lupas**, Abbas Kareem Wanas and J. Nirmala, *Applications of Borel Distribution for a New Family of Bi-Univalent Functions Defined by Horadam Polynomials,* WSEAS Transactions on Mathematics, Volume 20, 2021, 630-636, DOI: 10.37394/23206.2021.20.67

3.B.**95**. **A. Alb Lupas**, *Characteristics of a Subclass of Analytic Functions Introduced by Using a Fractional Integral Operator*. J Adv App Comput Math. 2021; 8: 21-32. DOI: https://doi.org/10.15377/2409-5761.2021.08.3

3.C. în alte reviste de specialitate de circulație internațională:

3.D. în reviste din țară recunoscute C.N.C.S.I.S.:

3.E. în reviste de specialitate de circulație națională cu (ISBN, ISSN):

3.E.1. **A. Alb Lupaş**, V. Taichiş, *Specificul învăţării matematicii la clasele primare*, Conferinţa Naţională de Didactică „Calitate. Inovare. Comunicare în sistemul de formare continuă a didacticienilor din învăţământul superior“, coord. Florica Orţan, 28-30 noiembrie 2014, Băile Felix, România, p. 21-28.

3.E.2. **A. Alb Lupaş**, V. Taichiş, *Alegerea strategiilor pentru realizarea activităţii, individualizării şi diferenţierii activităţilor matematice*, Reflexii Silvane, nr. 2/2015, p. 70-78 – Simpozionul Interjudeţean „Ioan Rus“, I.S.J. Sălaj, Lic. Tehnologic. Nr. 1. Surduc, 27 martie 2015; rezumat p. 12-13

3.E.3. **A. Alb Lupaş**, V. Taichiş, *Tipuri de metode didactice pentru stimularea creativităţii elevilor*, Sesiunea Anuală de Comunicări Ştiinţifice cu participare internaţională Abordări inovative în teoria şi practica educaţională, Universitate din Oradea, 25-27 noiembrie 2016, p. 55

3.F. citări ISI / BDI / Alte reviste:

3.F.1. **Citări ISI — h index_ 14**

3.F.2. **Citări SCOPUS — h index_15**

3.F.2. **Citări Google Scholar — h index_23**

4. A. Articole / studii publicate în volumele unor manifestări ştiinţifice: (se precizează daca este cazul – cotate ISI, sau indexate în baze de date internaţionale – BDI)

BDI

4.A. 1. **Alina Alb Lupaş**, G.eorgia Irina Oros, *A note on strong differential superordinations using a multiplier transformation and Ruscheweyh operator*, Acta Universitatis Apulensis Special Issue ICTAMI 2011, 407-422

4.A.2. **Alina Alb Lupaş**, Daniel Breaz, *On special differential superordinations using Sălăgean and Ruscheweyh operators*, Geometric Function Theory and Applications' 2010 (Proc. of International Symposium, Sofia, 27-31 August 2010), 98-103

4.A.3. **Alina Alb Lupaş**, Adriana Cătaş, *Certain special differential superordinations using Sălăgean and Ruscheweyh operators*, Automation, Computers, Applies Mathematics, Vol. 19(2010), No. 2, pp. 229-239 (Proceedings of The Thirteenth International Conference on Applied Mathematics and Computer Science, 26-28 August 2010, Cluj-Napoca, Romania)

4.A.4. Adriana Cătaş, **Alina Alb Lupaş**, Loredana Galea, *Note on Modified Hadamard Product of p-Valent Starlike Functions Involving Multiplier Transformations*, Automation, Computers, Applies Mathematics, Vol. 19(2010), No. 1 (Proceedings of The Thirteenth International Conference on Applied Mathematics and Computer Science, 26-28 August 2010, Cluj-Napoca, Romania)

4.A.5. **Alina Alb Lupaş**, *A note on differential subordinations using Sălăgean and Ruscheweyh operators*, Proceedings of CAIM 2009, ROMAI J., vol. 6, nr. 1(2010), 1–4

4.A.6. **Alina Alb Lupaş**, *A note on differential subordinations using a generalized Salagean and Ruscheweyh operators*, Acta Universitatis Apulensis, Proceedings of ICTAMI 2009, Alba Iulia, 29-35

4.A.7. **Alina Alb Lupaş**, *Some differential subordinations using Sălăgean and Ruscheweyh operators*, Proceedings of International Conference on Fundamental Sciences, ICFS 2007, Oradea, p. 58-61

4.A.8. **Alina Alb**, *Remarks on epireflective subcategories of the category of topological modules,* „Acta Universitatis Apulensis“, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics ICTAMI 2005, Alba Iulia, No 10/2005, p. 257-261

4.A.9. **Alina Alb**, *Tensor products of modules,* „Acta Universitatis Apulensis“, Proceedings of the International Conference on Theory and Applications of Mathematics and Informatics ICTAMI 2003, Alba Iulia - Part B, No 7/2004, p. 9-12

4.A.10. **Alina Alb**, *Some properties of coproducts of topological Abelian groups,* Second Conference of the Mathematical Society of the Republic of Moldova, Chişinău, Republica Moldova, August 17-19, 2004, p. 6-7

4.A.11. **Alina Alb**, *Remarks on varieties of compact rings*, Proceedings of CAIM 2003, Oradea, 2003, p. 11-13

4.A.12. **Alina Alb**, Mihail Ursul, *Tensor products of compact rings,* Proceedings of The 27th Annual Congress of ARA, vol. I, 2002, p. 571-574

4.A.13. **Alina Alb**, *On functors on topological rings preserving products*, Proceedings of the Algebra Symposium, Cluj-Napoca, 2001,p. 1-8.

4.A.14. **Alina Alb Lupaş**, *Some fuzzy differential subordinations using Ruscheweyh derivative and Sălăgean operator*, Proceedings of the 12th International Symposium on Geometric Function Theory and Applications August 25-28, 2016, Alba Iulia, Romania, 89-98, GFTA 2016, Alba Iulia

4.A.15. **Alina Alb Lupas**, On some differential sandwich theorems using a multiplier transformation and Ruscheweyh derivative, Proceedings of ICTAMI International Conference on Theory and Applications in Mathematics and Informatics 17th–20th of September, 2015, Alba-Iulia, Romania Mathematics Section, 61-75

4.A.16. **A. Alb Lupas**, M. Cioban, *On a subclass of analytic functions defined by a fractional integral operator*, International Conference on Mathematics, Informatics and Information Technologies, 19-21 April, 2018, Bălți, Republica Moldova, pag. 8-14

4. B. internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate:

C. naționale:

5.Brevete de invenție:

6. Proiecte / contracte / granturi de cercetare – dezvoltare – inovare:

6.A. Obținute prin competiție pe bază de contract / grant internaționale:

6.A.1. Proiect de grant al Consiliului Suprem în cadrul programului de stat cu tema „Metode topologo-algebrice şi aplicaţiile lor“ , beneficiar Academia de Ştiinţe a Moldovei , Ministerul Educaţiei al Republicii Moldova, Universitatea de Stat din Tiraspol cu sediul la Chişinău, Republica Moldova, colaboratori: Institutul de Matematică şi Informatică al AŞM, Institutul de Matematică şi Informatică al AŞ din Bulgaria, Universitatea de Stat din Moldova, Universitatea din Oradea România, director de proiect acad. Prof. dr. hab. Mitrofan Cioban, **Alb Lupaş Alina** – membru, perioada 2006-2010

B. Obținute prin competiție pe bază de contract / grant naționale:

6.B.1. Proiect bianual de cercetare ştiinţifică, 359/2005, în cadrul contractului de cercetare GAR 14/2006 (Grantul Academiei Române), Institutul de Matematică "Simion Stoilow" al Academiei Române şi colaboratori (Universităţile din Oradea, Alba Iulia, Piteşti), "Metode locale şi globale în geometria algebrică", director de proiect cercetător principal II, Adrian Constantinescu, de la Institutul de Matematică "Simion Stoilow" al Academiei Române, **Alina Alb Lupaş**-membru, perioada 2005-2006

6.B.2. Proiectul „Reţea interregională de formare în sistem e-learning a cadrelor didactice din învăţământul preuniversitar“, cod contract POSDRU/87/1.3/S/51391, beneficiar Universitatea „Al. I. Cuza“ Iaşi, partener 3 Universitatea din Oradea, lect. univ. dr. **Alb Lupaş Alina** - expert formator, perioada 01.09.2010 – 31.08.2013

C. alte lucrări de cercetare – dezvoltare, după caz:

6.C.1. Proiect de cercetare cu mediul socio-economic nr. 91/02.02.2010 intre Universitatea din Oradea si SC Clas Expert SRL Oradea, tema *Optimizarea managementului producţiei prin implementarea metodelor de analiza a drumului critic*, buget 1000 lei, director de proiect **Alina Alb Lupaş**, perioada februarie-aprilie 2010

6.C.2. Proiect de cercetare cu mediul socio-economic nr. 12/01.03.2010 intre Universitatea din Oradea si SC Medconta SRL Oradea, tema *Curs de iniţiere în domeniul utilizării calculatorului*, buget 1000 lei, director de proiect **Alina Alb Lupaş**, perioada martie-mai 2010

7.A. Creații artistice prezentate la manifestări recunoscute, precum și, după caz, alte lucrări similare:

7.B. Lucrări prezentate la diferite seminarii / expoziții și nepublicate etc.:

8. Recunoașterea prestigiului științific:

8.A. Conducere de doctorat:

8.B. Referent în comisii de doctorat internaționale în ultimii 5 ani:

C. Membru în colectivele de redacție ale unor reviste științifice recunoscute:

8.C.1. Secretar editor Analele Universităţii din Oradea, fasc. Matematica, din 2001-2025
Editor șef Analele Universității din Oradea, fasc. Matematica, 2025-prezent
8.C.2. Membru în Editorial Board: Journal of Advances in Applied & Computational Mathematics

8.D. Referent atestat al unor reviste științifice cotate ISI sau indexate în BDI în ultimii 5 ani:

Mathematical and Computer Modelling, Computers and Mathematics with Applications, Acta Mathematica Scientia, Applied Mathematics Letters, Hacettepe Journal of Mathematics and Statistics, Advances in Difference Equations, Journal of Inequalities and Applications, International Journal of Modern Mathematical Sciences, Integral Transforms And Special Functions, International Journal of Physical Sciences, Asian-European Journal of Mathematics, International Journal of Nonlinear Science, Journal of the Egyptian Mathematical Society, Integral Transforms And Special Functions, Annals of the Alexandru Ioan Cuza University – Mathematics, J Adv Math Stud, Mathematical Communications, Tamsui Oxford Journal of Information and Mathematical Sciences, Bulletin of Mathematical Analysis and Application, Matematicki Vesnik, Journal of Nonlinear Evolution Equations and Applications, Mathematica Slovaca, International Journal of Mathematics and Mathematical Sciences, Journal of Applied Mathematics and Informatics, International Journal of Open Problems in Complex Analysis, etc.

8.E. Expert științific atestat național / internațional:

8.F. Premii:

8.F.1. Premiul tânărului cercetător, acordat de ROMAI, 18.09.2009.
8.F.2. Nominalizată la Elsevier Scopus Award for Excellence in Global Contribution 2017

8.G. Membru în asociații științifice profesionale

8.G.1. Membru SSMR-Societatea de Ştiinte Matematice din Romania (2004 - prezent);
8.G.2. Membru ROMAI-Romanian Society of Applied and Industrial Mathematics (2003 - prezent),
8.G.3. Membru American Mathematical Society (2009-prezent),
8.G.4. Membru Research Group in Mathematical Inequalities and Applications (RGMIA) (2009-prezent),
8.G.5. Membru The World Scientific and Engineering Academy and Society (WSEAS).

9. Alte date neprecizate mai sus:

Data,
Oradea, 14.07.2026

Semnătura,
Conf. univ. dr. Alb Lupaş Alina