

LISTA DE LUCRĂRI

1. TEZA DE DOCTORAT

- **Georgia Irina Oros**, *Studiul unor clase de funcții univalente*, Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică, 2006. Domeniul fundamental: Matematică. Conducător științific: Prof. dr. Grigore Ștefan Sălăgean

2. PUBLICAȚII

A1.Cărți și culegeri publicate

- A1.**Georgia Irina Oros**, Calcul integral, Editura Universității din Oradea, 2013, ISBN 978-606-10-1081-3, 228 pagini
- A2.**Georgia Irina Oros**, *New differential subordinations and superordinations. Strong differential subordination, strong differential superordination.*, Lambert Academic Publishing, Saarbrücken, Germany, 2011, ISBN: 978-3-8443-8160-3, 331 pagini
- A3.Petru T. Mocanu, Daniel Breaz, **Georgia Irina Oros**, Gheorghe Oros, *Analiză complexă*, Editura Aeternitas, Alba Iulia, 2009, ISBN 978-973-1890-17-3, 263 pagini
- A4.**Georgia Irina Oros**, *Utilizarea subordonărilor diferențiale în studiul unor clase de funcții univalente*, Casa Cărții de Știință, Cluj-Napoca, 2008, ISBN 978-973-133-288-8, 208 pagini
- A5.Teodor Bulboacă, Salamon Julia, Nagy Eniko, Gheorghe Oros, **Georgia Irina Oros**, *Probleme de analiză complexă I*, Editura Universității din Oradea, 2007, ISBN 978-973-759-259-0, 187 pagini
- A6.Gheorghe Oros, Adriana Cătaș, **Georgia Irina Oros**, Ioan Dzitac, Simona Dzitac, *Funcții complexe. Culegere de probleme*, Editura Universității din Oradea, 2003, ISBN 973-613-396-6
- A7.Ioan Dzitac, Barnabaș Bede, Simona Dzitac, Adrian Madar, **Georgia Irina Oros**, *Analiză matematică – Calcul diferențial*, Editura Universității din Oradea, 2001, ISBN 973-613-050-9
- A8.Ioan Dzitac, Liana Seremi, Simona Dzitac, Adriana Cătaș, **Georgia Irina Oros**, *Matematici speciale*, Editura Universității din Oradea, 2001, ISBN 973-613-044-4
- A9.Gheorghe Oros, **Georgia Irina Oros**, *Matematici superioare. Analiză matematică*, Editura Universității din Oradea, 2001, ISBN 973-8219-14-0
- A10. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.I*, Editura Universității din Oradea, 2001, ISBN 973-8219-23-X
- A11. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.II*, Editura Universității din Oradea, 2001, ISBN 973-8219-24-8
- A12. Gheorghe Oros, **Georgia Irina Oros**, Adriana Cătaș, *Matematici superioare. Culegere de probleme vol.I*, Editura Universității din Oradea, 2001, ISBN 973-613-005-3

3. ARTICOLE/STUDII PUBLICATE

A) **Reviste de specialitate de circulație internațională indexate ISI** (între [] se găsește numărul de indexare în Zentralblatt MATH)

- A1. Gheorghe Oros, Roxana Șendruțiu and **Georgia Irina Oros**, *First-order strong differential subordinations*, Mathematical Reports, 15(65), 2 (2013), 115-124; Factor de impact: 0,098
- A2. **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; Factor de impact: 0,502
- A3. 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; Factor de impact: 0,502
- A4. 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; Factor de impact: 0,502
- A5. **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; Factor de impact: 0,098
- A6. **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; Factor de impact: 0,457
- A7. **Georgia Irina Oros**, *First order differential subordinations using the Dziok-Srivastava linear operator*, Mathematical Reports, 12(62), 1 (2010), 37–44, ISSN: 1582-3067, Factor de impact: 0,098
- A8. **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]; Factor de impact: 0,457
- A9. **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; Factor de impact: 0,443
- A10. 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]; Factor de impact: 0.316
- A11. **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, Factor de impact: 0,098
- A12. A.O. Taut, **Georgia Irina Oros**, R. Sendrutiu, *On a class of univalent functions defined by Sălăgean differential operator*, Banach Journal of Mathematical Analysis, Volume 3, No.1, 2009, pp.61-67, ISSN 1735-8787 [Zbl pre05379950]; Factor de impact: 0,407
- A13. **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], Factor de impact: 0.500

- A14. **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]; Factor de impact: 0,704
- A15. **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; Factor de impact: 0.822
- A16. **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; Factor de impact: 0.822 [Zbl pre05313257]
- A17. **Georgia Irina Oros**, Adriana Cătaș, and 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; Factor de impact: 0.822 [Zbl pre05313233]
- A18. Adriana Cătaș, **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; Factor de impact: 1.102 [Zbl pre05313190]
- A19. 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, Factor de impact: 0,098
- A20. **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 Factor de impact: 0.500;
- B) **Reviste de specialitate de circulație internațională indexate în baze de date internaționale BDI** (între [] se găsește numărul de indexare în Zentralblatt MATH si/sau MathSciNet)
- B1. **Georgia Irina Oros** and Gheorghe Oros, *Dominants and best dominants in fuzzy differential subordinations*, Stud. Univ. Babeș-Bolyai Math. 57(2012), No. 2, 239–248
- B2. Roxana Șendruțiu, **Georgia Irina Oros**, *Sufficient conditions for univalence of certain integral operator*, Acta Universitatis Apulensis, No.29/2012, pp.287-293
- B3. Alb Lupaș 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
- B4. **Georgia Irina Oros**, Gheorghe Oros, *Fuzzy differential subordination*, Acta Universitatis Apulensis, No.30/ 2012, pp.55-64, ISSN 1582-5329
- B5. **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
- B6. **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
- B7. **Georgia Irina Oros**, *An application of the subordination chains*, Fractional Calculus&Applied Analysis, Volume 13, Number 5 (2010), pp. 521-530, ISSN 1311-0454
- B8. 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
- B9. **Georgia Irina Oros**, Gheorghe Oros, *A convexity property for an integral operator F_m* , Studia Univ. Babeș-Bolyai, Mathematica, Volume LV, Number 3, September 2010, pp.169-178, ISSN 0252-1938

- B10. **Georgia Irina Oros**, *Strong differential superordination*, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106, ISSN 1582-5329 [Zbl pre05703607]
- B11. **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]
- B12. **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
- B13. **Georgia Irina Oros**, *On an univalent integral operator*, International Journal of open Problems in Complex Analysis (IJOPCA), Vol. 1, No. 2, November 2009 , pp.19-28 ISSN 2074-2827
- B14. **Georgia Irina Oros**, *A new differential inequality*, Acta Universitatis Apulensis, nr.16, 2008, pp.81-85, ISSN 1582-5329 [MR2445942(2009h:30039)]
- B15. **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]
- B16. 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]
- B17. 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)]
- B18. **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]
- B19. **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
- B20. **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]
- B21. 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)]
- B22. 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]
- B23. 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]
- B24. **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]
- B25. 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]
- B26. 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]
- B27. 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)]

- B28. **Georgia Irina Oros**, *Briot-Bouquet differential subordinations and sandwich theorem*, Libertas Mathematica, Vol.XXVI (2006), pp.55-59, ISSN 0278-5307 [MR2320021 (2008a:30026)]
- B29. **Georgia Irina Oros**, *On a nonlinear differential subordination*, Journal of Approximation Theory and Applications, Vol.2, No1(2006), pp. 43-48
- B30. **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]
- B31. **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
- B32. **Georgia Irina Oros**, *Differential subordinations obtained by using Ruscheweyh operator*, Advances in Applied Mathematical Analysis, Vol.1, No.1, 2006 ISSN 0973-5313
- B33. **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
- B34. **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]
- B35. **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]
- B36. **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]
- B37. **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]
- B38. **Georgia Irina Oros**, *A new application of Briot-Bouquet differential superordinations and sandwich theorem*, J. Anal. 13 (2005), pp/67-72
- B39. **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]
- B40. **Georgia Irina Oros**, *An application of Briot-Bouquet differential superordinations and sandwich theorem*, Studia Univ. Babes-Bolyai, Mathematica, Volume L, Number 1, March 2005, pp.93-98 [Zbl 1100.30021]
- B41. **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]
- B42. **Georgia Irina Oros** *Differential subordination defined by Salagean operator*, General Mathematics, Vol.13, No.3 (2005), pp.37-46 [Zbl 1109.30024]
- B43. **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]
- B44. **Georgia Irina Oros**, *First order nonlinear differential superordination*, General Mathematics, Vol.13, No.1(2005), pp.83-90 [Zbl 1092.30040]
- B45. **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]
- B46. **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]

- B47. Gheorghe Oros, **Georgia Irina Oros**, Adriana Cătaș, *A new differential inequality II*, Studia Univ. Babes-Bolyai, Mathematica, Number 4, December 2004, pp. 85-90 [Zbl 1100.30024]
- B48. Gheorghe Oros, **Georgia Irina Oros**, *On a second order nonlinear differential subordination*, Mathematica Pannonica, 15/2(2004), pp.289-295 [Zbl pre02186435]
- B49. 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]
- B50. Gheorghe Oros, **Georgia Irina Oros**, A.Cătaș, *On a special differential inequality II*, Analele Universitatii Oradea, Fasc. Matematica, Tom XI, 2004, pp.119-122[Zbl 1101.30306]
- B51. Gheorghe Oros, **Georgia Irina Oros**, *Differential superordination defined by Salagean operator*, General Mathematics, Vol.12, no.4(2004) pp.3-10[Zbl 1092.30042]
- B52. 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]
- B53. **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]
- B54. Gheorghe Oros, **Georgia Irina Oros**, *A class of holomorphic functions II*, Libertas Mathematica, vol. XXIII, 2003, Arlington, Texas, pp.65-68 [Zbl 1060.30021]
- B55. **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]
- B56. **Georgia Irina Oros**, *On a nonlinear differential subordination I*, Buletinul Academiei De Științe A Republicii Moldova. Matematica, No.3(43), 2003, pp 53-57
- B57. **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]
- B58. **Georgia Irina Oros**, *On a differential inequality*, Analele Universitatii Oradea, Fasc. Matematica, Tom X, 2003, pp.103-108 [Zbl 1119.30307]
- B59. **Georgia Irina Oros**, Adriana Cătaș, *On a special differential inequality I*, Analele Universitatii Oradea, Fasc. Matematica, Tom X, 2003, pp.109-114 [Zbl 1113.30028]
- B60. **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]
- B61. **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]
- B62. 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]
- B63. **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]
- B64. **Georgia Irina Oros**, *On a differential inequality II*, General Mathematics, Vol.10, No.1-2(2002), pp.33-36 [Zbl 1073.30512]
- B65. **Georgia Irina Oros**, *On certain subclasses of starlike functions*, Libertas Mathematica, vol.XXII, 2002, Arlington, Texas, pp.77-80 [Zbl 1015.30006]

D) **În reviste din țară recunoscute C.N.C.S.I.S.** (între [] se găsește numărul de indexare în Zentralblatt MATH si/sau MathSciNet)

D1.Gheorghe Oros, **Georgia Irina Oros**, *Certain functions with positive real part*, General Mathematics Vol.11, No. 3-4(2003), pp.27-33

- D2. **Georgia Irina Oros**, Adriana Cătaș, *A new differential inequality I*, General Mathematics, Vol.11, No. 1-2(2003), pp.47-52
- D3. Gheorghe Oros, **Georgia Irina Oros**, *A class of holomorphic functions*, Automation Computers Applied Mathematics, vol. 11, 2002, No.2, pp.77-80
- D4. **Georgia Irina Oros**, *On a class of starlike functions defined by a geometric mean*, Automation Computers Applied Mathematics, vol. 11, 2002, No.2, pp.73-76
- D5. **Georgia Irina Oros**, *On a first order nonlinear differential subordination*, General Mathematics, Vol.9, No.3-4(2001), pp.39-44 [Zbl 1073.30510]
- D6. Gheorghe Oros, **Georgia Irina Oros**, *On a second-order nonlinear differential subordination I*, General Mathematics Vol.9, No.3-4(2001), pp.15-20 [Zbl 1073.30513]
- D7. **Georgia Irina Oros**, Gheorghe Oros, G.C. Crainic, *A mathematical model for a superior capitalisation of sobre logs I*, Analele Universitatii Oradea, Fasc. Silvicultura, Tom V, 2000, pp.143-154
- D8. **Georgia Irina Oros**, Gheorghe Oros, G.C. Crainic, *A mathematical model for a superior capitalisation of sobre logs II*, Analele Universitatii Oradea, Fasc. Silvicultura, Tom V, 2000, pp.155-166

F) Citări ISI/BDI/Alte reviste

- **CITĂRI ISI**

F1. –

F2. **Nak E. Cho**, *Strong differential subordination properties for analytic functions involving the Komatu integral operator*, **Boundary Value Problems** 2013, 2013:44 doi:10.1186/1687-2770-2013-44 ; Factor de impact: 0,922

Lucrări citate:

Strong differential superordination, **Georgia Irina Oros**, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106

Strong differential subordination, **Georgia Irina Oros**, Gheorghe Oros, Turkish Journal of Mathematics, 33(2009), pp. 249-257

F3. **F. M. Al-Oboudi**, *n-Bazilevic Functions*, **Abstract and Applied Analysis**, Volume 2012, Article ID 383592, 10 pages, doi:10.1155/2012/383592; Factor de impact: 1,102

Lucrarea citată:

Differential subordinations associated with multiplier transformations, Adriana Cătaș, **Georgia Irina Oros**, Gheorghe Oros, **Abstract and Applied Analysis**, 2008, art. no. 845724. doi: 10.1155/2008/845724

F4. **Shareef, Zahid; Hussain, Saqib; Darus, Maslina**, *Convolution operators in the geometric function theory* , **Journal of Inequalities and Applications** Article Number: 213 DOI: 10.1186/1029-242X-2012-213 Published: 2012; Factor de impact: 0,822

Lucrarea citată:

New results related the convexity and starlikeness of Bernardi integral operator, **Georgia Irina Oros**, Hacettepe Journal of Mathematics and Statistics, Volume 38 (2), (2009), pp.137-143

F5. –

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F8. **M.P. Jeyaraman, T.K. Suresh**, *Strong differential subordination and superordination of analytic functions*, **Journal of Mathematical Analysis and**

Applications, Volume 385, Issue 2, 15 January 2012, Pages 854-864, ISSN 0022-247X, 10.1016/j.jmaa.2011.07.016; Factor de impact:1,050

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Strong differential superordination, **Georgia Irina Oros**, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106

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- F91. **M.K. Aouf, A. Shamandy, A.O. Mostafa, S.M. Madian**, *Subordination properties for analytic functions defined by convolution*, **Proceedings of the Pakistan Academy of Sciences**, Volume 46, Issue 4, December 2009, Pages 227-232

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Gh. Oros, **G.I. Oros**, *Differential superordination defined by Salagean operator*, **General Mathematics**, Sibiu, 12, (4)2004, 3-10.

F95. **A. Totoi**, *On some subclasses of starlike and convex functions*, **General Mathematics**, Vol. 17, No. 1 (2009), 105–112

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F101. **B. A. Frasin**, *A new differential inequality*, **Hacettepe Journal of Mathematics and Statistics**, Vol. 36(1) (2007), pp.7-10

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1. *On a differential inequality II*, **Georgia Irina Oros**, **General Mathematics** Vol.10, No.1-2(2002), pp.33-36
2. *A new differential inequality I*, **Georgia Irina Oros**, **Adriana Cătaș**, **General Mathematics**, Vol.11, No. 1-2(2003), pp.47-52

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1. **Georgia Irina Oros**, *An application of Briot-Bouquet differential superordinations and sandwich theorem*, Studia Univ. Babes-Bolyai, Mathematica, Volume L, Number 1, March 2005, pp.93-98
2. **Georgia Irina Oros**, *First order nonlinear differential superordination*, General Mathematics, Vol.13, No.1(2005), pp.83-90
3. **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
4. Gh. Oros, **Georgia Irina Oros**, *Briot-Bouquet differential superordinations and sandwich theorem II*, Analele Universitatii Oradea, Fasc. Matematica, Tom XII (2005), pp.213-219
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4. **ARTICOLE/STUDII PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE**

A) **Articole/studii publicate în volumele unor manifestări științifice internaționale recunoscute (cu ISSN sau ISBN) țară și din străinătate**

- A1. **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
- A2. **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
- A3. **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

- A4. **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
- A5. 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]
- A6. **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
- A7. 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
- A8. **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
- A9. **Georgia Irina Oros**, Adriana Cătaș, *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

B) Articole/studii publicate în volumele unor manifestări științifice naționale

- B1. Gheorghe Oros, **Georgia Irina Oros**, *Asupra unei inegalitati diferentiale*, A saptea Conferinta Nationala A Societatii De Stiinte Matematice Din Romania, Bistrita, 23-25 mai 2003
- B2. **Georgia Irina Oros**, *Asupra unei clase de funcții stelate*, Lucrările Celei de a VI-a Conferințe Anuale ale SSMR, Sibiu 23-25 mai 2002, vol. I, pp.353-357
- B3. **Georgia Irina Oros**, *Aspecte din viața și opera matematicianului Janos Bolyai*, Lucrările Celei de a VI-a Conferințe Anuale ale SSMR, Sibiu 23-25 mai 2002, vol.II, pp.82-91
- B4. Gheorghe Oros, **Georgia Irina Oros**, *Poziția rădăcinilor reale ale unei ecuații de gradul al doilea față de două numere reale*, Lucrările celei de-a V-a Conferințe Anuale a SSMR, Brasov 23-25 mai 2001, vol.II, pp.89-92

6.PROIECTE/CONTRACTE/GRANTURI DE CERCETARE-DEZVOLTARE-INOVAR

A2.Obținute prin competiție pe bază de contract/grant naționale

- B1. *Utilizarea metodelor geometrice și analitice în studiul funcțiilor reale si complexe de una sau mai multe variabile. Aplicații*

Cod 1463 CNCSIS

Director: Prof.univ.dr. Grigore Sălăgean;

Contractor: Universitatea „Babeș-Bolyai Cluj-Napoca

Valoare 2007: 77625 RON

Valoare 2008: 70200 RON

2007-2008

Membri:

Mocanu Petru, Profesor

Bulboaca Teodor, Profesor

Kohr Gabriela, Profesor

Nemeth Alexandru, Profesor

Oros Gheorghe, Profesor

Serb Ioan, Conferentiar
Anisiu Valeriu, Conferentiar
Curt Paula, Conferentiar
Holhos Anca Amelia, Lector
Holhos Viorel Cosmin, Cercetator
Oros Georgia Irina, Lector
Nechita Veronica, Lector
Catas Adriana, Lector
Balaeti Madalina, Asistent
Taut Adela, Asistent
Baricz Arpad, Asistent
Huplea Adriana, Cercetator
Ureche Luminita, Cercetator
Nechifor Persida, Cercetator

B2. Analiză Complexă și Domenii Conexes

2-CEX-06-11-10 / 25.07.2006 CEEEX

Conducător de Proiect: Institutul de Matematică Simion Stoilow al Academiei Române (IMAR)

Director: Prof. Dr. Lucian Beznea

Partener: Universitatea „Babeș-Bolyai Cluj-Napoca

Responsabil: prof. dr. Grigore Sălăgean

2006-2008

Valoarea pe 2006: 36000 RON;

Valoarea pe 2007 : 156085 RON;

Valoarea pe 2008 : 162915 RON.

Membri:

Grigore Stefan SALAGEAN - Responsabil stiintific de proiect din partea UBB

Daniel BREAZ

Teodor BULBOACA

Gabriela KOHR

Petru MOCANU

Georgia OROS

Mihai PASCU

Mircea VODA

B3. Metode geometrice in teoria functiilor reale si complexe. Aplicatii.

Titlul temei: *Operatori integrali si diferential pe spatii de functii. Proprietati ale anumitor clase de functii.*

Grant CNCISIS cod 348, tema 58 / 2006

Director: Prof.univ.dr.Grigore Sălăgean

Contractor: Universitatea „Babeș-Bolyai Cluj-Napoca

Valoare : 20700RON

B4. Metode geometrice în teoria funcțiilor reale și complexe. Aplicații

Titlul temei: *Clase speciale de funcții. Aplicații*

Grant CNCISIS cod 348, tema 75/2005

Director: Prof.univ.dr.Grigore Sălăgean

Contractor: Universitatea „Babeș-Bolyai Cluj-Napoca

Valoare: 25300 RON

B5. Metode geometrice in teoria functiilor reale si complexe. Aplicatii.

Titlul temei: *Utilizarea teoriei subordonarilor si superoronarilor diferentiale si a altor metode in studiul functiilor reale si complexe de una sau mai multe variabile. Aplicatii*

Grant CNCISIS cod 348, tema 48/2004

Director: Prof.univ.dr.Grigore Sălăgean
Contractor: Universitatea „Babeş-Bolyai Cluj-Napoca
Valoare: 123 900 000 lei

B6. Aplicații ale operatorilor integrali în studiul claselor de funcții univalente

Grant GAR (Granturile Academiei Române) 114/2007
Director: Conf. dr. Daniel Breaz
Contractor: Universitatea „1 Decembrie 1918 Alba Iulia
Valoare: 5500 RON

8. RECUNOAȘTEREA PRESTIGIULUI ȘTIINTIFIC

D) Referent atestat al unor reviste științifice cotate ISI sau indexate în BDI

- D1. Journal of Computational and Applied Mathematics, 2013 revistă ISI
- D2. Le Matematiche, 2013
- D3. Complex Variables and Elliptic Equations, 2012, 2009 revistă ISI
- D4. Acta Mathematica Scientia, 2012, 2011, 2010 revistă ISI
- D5. Comptes Rendus Mathematique, 2012, revistă ISI
- D6. Abstract and Applied Analysis, 2012, revistă ISI
- D7. Southeast Asian Bulletin of Mathematics, 2012
- D8. Analele Universității din Oradea, 2012, 2011, 2010, 2009
- D9. Revista de la Unión Matemática Argentina, 2012
- D10. Analele Științifice ale Universității Al. I. Cuza din Iași, 2012
- D11. Matematiki Vesnik, 2012
- D12. Revue Roumaine, 2012
- D13. Applied Mathematics Letters – 2011, revistă ISI
- D14. Miskolc Mathematical Notes – 2011
- D15. International Journal of Physical Sciences – 2011
- D16. Hacettepe Journal of Mathematics and Statistics – 2010, 2011 revistă ISI
- D17. Mathematical and Computer Modelling – 2010, 2011 revistă ISI
- D18. Mathematica Bohemica – 2010
- D19. Computers and Mathematics with Applications – 2010, 2011 revistă ISI
- D20. Mathematica Slovaca – 2010, revistă ISI
- D21. Mathematical and Computer Modelling – 2009, revistă ISI
- D22. Acta Mathematica Universitatis Comenianae – 2009
- D23. International Journal of Mathematics and Mathematical Sciences - 2009
- D24. Bulletin of the Malaysian Mathematical Sciences Society – 2008, revistă ISI
- D25. Applied Mathematics Letters (AML) -2008, revistă ISI
- D26. Bulletin of the Malaysian Mathematical Sciences Society – 2008, revistă ISI
- D27. Journal of Inequalities and Applications (JIA) – 2008, 2010, 2011 revistă ISI
- D28. Bulletin of the Belgian Mathematical Society - Simon Stevin (2007)- revistă ISI
- D29. Journal of Inequalities in Pure and Applied Mathematics (JIPAM) -2007, 2008

Data: Oradea, 20 august 2013

Candidat: Lect. univ. dr. Oros Georgia Irina