

## LISTA DE LUCRĂRI

### a) Lucrări relevante selectate (maximum 10)

1. **Georgia Irina Oros**, *New differential subordinations and superordinations. Strong differential subordination, strong differential superordination.*, Lambert Academic Publishing, Saarbrucken, Germany, 2011, ISBN: 978-3-8443-8160-3, 331 pagini
2. **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
3. **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
4. **Georgia Irina Oros**, *Strong differential superordination*, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106, ISSN 1582-5329 [Zbl pre05703607]
5. **Georgia Irina Oros**, *Strong differential subordinations and superordinations obtained with some new integral operators*, Advances in Difference Equations 2013, 2013:317, doi:10.1186/1687-1847-2013-317; Factor de impact: 0,760
6. **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
7. **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
8. **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]
9. **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
10. **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

### b) Teza de doctorat

- *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

### c) Cărți și culegeri publicate

1. **Georgia Irina Oros**, Calcul integral, Editura Universității din Oradea, 2013, ISBN 978-606-10-1081-3, 228 pagini
2. **Georgia Irina Oros**, *New differential subordinations and superordinations. Strong differential subordination, strong differential superordination.*, Lambert Academic Publishing, Saarbrucken, Germany, 2011, ISBN: 978-3-8443-8160-3, 331 pagini
3. 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
4. **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

5. 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
6. 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
7. 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
8. Ioan Dzitac, Liana Seremi, Simona Dzitac, Adriana Cătaș, **Georgia Irina Oros**, *Matematici speciale*, Editura Universității din Oradea, 2001, ISBN 973-613-044-4
9. Gheorghe Oros, **Georgia Irina Oros**, *Matematici superioare. Analiză matematică*, Editura Universității din Oradea, 2001, ISBN 973-8219-14-0
10. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.I*, Editura Universității din Oradea, 2001, ISBN 973-8219-23-X
11. Gheorghe Oros, **Georgia Irina Oros**, *Matematici aplicate în agronomie vol.II*, Editura Universității din Oradea, 2001, ISBN 973-8219-24-8
12. Gheorghe Oros, **Georgia Irina Oros**, Adriana Cătaș, *Matematici superioare. Culegere de probleme vol.I*, Editura Universității din Oradea, 2001, ISBN 973-613-005-3

d) Lucrări publicate în reviste de specialitate de circulație internațională indexate ISI

1. **Georgia Irina Oros**, *Sufficient conditions for univalence obtained by using first order nonlinear strong differential subordinations*, Journal of Computational Analysis and Applications, Vol.16, No.1, 2014, 149-152, ISSN 1521-1398 Print, ISSN 1572- 9206 Online; Factor de impact: 0,502
2. **Georgia Irina Oros**, *Strong differential subordinations and superordinations obtained with some new integral operators*, Advances in Difference Equations 2013, 2013:317, doi:10.1186/1687-1847-2013-317; Factor de impact: 0,760
3. **Georgia Irina Oros**, *New results related to the convexity of the Bernardi integral operator*, Journal of Mathematical Inequalities, Volume 7, Number 3 (2013), 535–541, doi:10.7153/jmi-07-49; Factor de impact: 0,704
4. Gheorghe Oros, Roxana Șendruțiu and **Georgia Irina Oros**, *First-order strong differential superordinations*, Mathematical Reports, 15(65), 2 (2013), 115-124; Factor de impact: 0,098
5. **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
6. Alina Alb Lupaș, **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
7. Alina Alb Lupaș, **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
8. **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
9. **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
10. **Georgia Irina Oros**, *First order differential superordinations using the Dziok-Srivastava linear operator*, Mathematical Reports, 12(62), 1 (2010), 37–44, ISSN: 1582-3067, Factor de impact: 0,098
11. **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
12. **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
13. **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

14. **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
15. 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
16. **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
17. **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
18. **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
19. **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]
20. **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]
21. 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]
22. 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
23. **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;

e) Lucrări publicate în 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)

1. **Georgia Irina Oros**, *Briot-Bouquet fuzzy differential subordinations*, Analele Universității Oradea, Fasc. Matematica, 19, No 2, pp.83-97 (2012) [Zbl pre06221674]
2. Roxana Șendruțiu, **Georgia Irina Oros**, Gheorghe Oros, *Simple sufficient conditions for univalence of some integral operators*, An. Univ. Oradea, Fasc. Mat. 19, No. 1, 165-170 (2012) [Zbl pre06221655]
3. **Georgia Irina Oros**, *On a new strong differential subordination*, Acta Universitatis Apulensis, No. 32/2012 pp. 243-250 ISSN: 1582-5329
4. **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 [Zbl 1274.30059]
5. Roxana Șendruțiu, **Georgia Irina Oros**, *Sufficient conditions for univalence of certain integral operator*, Acta Universitatis Apulensis, No.29/2012, pp.287-293
6. 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
7. **Georgia Irina Oros**, Gheorghe Oros, *Fuzzy differential subordination*, Acta Universitatis Apulensis, No.30/2012, pp.55-64, ISSN 1582-5329
8. **Georgia Irina Oros**, Gheorghe Oros, *The notion of subordination in fuzzy sets theory*, General Mathematics, Vol. 19, No. 4 (2011), 97–103, ISSN 1221-5023 [Zbl 1265.03050]
9. **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
10. **Georgia Irina Oros**, *An application of the subordination chains*, Fractional Calculus&Applied Analysis, Volume 13, Number 5 (2010), pp. 521-530, ISSN 1311-0454[Zbl 1244.30018]
11. Gheorghe Oros, **Georgia Irina Oros**, *On a convexity preserving integral operator*, Fractional Calculus&Applied Analysis, Volume 13, Number 5 (2010), pp. 531-536, ISSN 1311-0454[Zbl 1244.30019]

12. **Georgia Irina Oros**, Gheorghe Oros, *A convexity property for an integral operator  $F_m$* , Studia Univ. "Babeş-Bolyai", Mathematica, Volume LV, Number 3, September 2010, pp.169-178, ISSN 0252-1938[Zbl 1224.30070]
13. **Georgia Irina Oros**, *Strong differential superordination*, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106, ISSN 1582-5329 [Zbl pre05703607]
14. **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]
15. **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
16. **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
17. **Georgia Irina Oros**, *A new differential inequality*, Acta Universitatis Apulensis, nr.16, 2008, pp.81-85, ISSN 1582-5329 [MR2445942(2009h:30039)]
18. **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]
19. 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]
20. 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)]
21. **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]
22. **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
23. **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]
24. 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)]
25. 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]
26. 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]
27. **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]
28. 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]
29. 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]
30. 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)]
31. **Georgia Irina Oros**, *Briot-Bouquet differential superordinations and sandwich theorem*, Libertas Mathematica, Vol.XXVI (2006), pp.55-59, ISSN 0278-5307 [MR2320021 (2008a:30026)]
32. **Georgia Irina Oros**, *On a nonlinear differential subordination*, Journal of Approximation Theory and Applications, Vol.2, No1(2006), pp. 43-48
33. **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]
34. **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

35. **Georgia Irina Oros**, *Differential subordinations obtained by using Ruscheweyh operator*, Advances in Applied Mathematical Analysis, Vol.1, No.1, 2006 ISSN 0973-5313
36. **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
37. **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]
38. **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]
39. **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]
40. **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]
41. **Georgia Irina Oros**, *A new application of Briot-Bouquet differential superordinations and sandwich theorem*, J. Anal. 13 (2005), pp/67-72
42. **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]
43. **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]
44. **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]
45. **Georgia Irina Oros**, *Differential subordination defined by Salagean operator*, General Mathematics, Vol.13, No.3 (2005), pp.37-46 [Zbl 1109.30024]
46. **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]
47. **Georgia Irina Oros**, *First order nonlinear differential superordination*, General Mathematics, Vol.13, No.1(2005), pp.83-90 [Zbl 1092.30040]
48. **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]
49. **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]
50. **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]
51. **Gheorghe Oros**, **Georgia Irina Oros**, *On a second order nonlinear differential subordination*, Mathematica Pannonica, 15/2(2004), pp.289-295 [Zbl pre02186435]
52. **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]
53. **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]
54. **Gheorghe Oros**, **Georgia Irina Oros**, *Differential superordination defined by Salagean operator*, General Mathematics, Vol.12, no.4(2004) pp.3-10[Zbl 1092.30042]
55. **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]
56. **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]
57. **Gheorghe Oros**, **Georgia Irina Oros**, *A class of holomorphic functions II*, Libertas Mathematica, vol. XXIII, 2003, Arlington, Texas, pp.65-68 [Zbl 1060.30021]
58. **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]
59. **Georgia Irina Oros**, *On a nonlinear differential subordination I*, Buletinul Academiei De Științe A Republicii Moldova. Matematica, No.3(43), 2003, pp 53-57
60. **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]
61. **Georgia Irina Oros**, *On a differential inequality*, Analele Universitatii Oradea, Fasc. Matematica, Tom X, 2003, pp.103-108 [Zbl 1119.30307]

62. **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]
63. **Georgia Irina Oros**, *On a class of starlike functions of order  $\alpha$* , Analele Universitatii Oradea, Fasc. Matematica, Tom IX, 5-12, 2003, pp.61-64 [Zbl 1073.30506]
64. **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]
65. 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]
66. **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]
67. **Georgia Irina Oros**, *On a differential inequality II*, General Mathematics, Vol.10, No.1-2(2002), pp.33-36 [Zbl 1073.30512]
68. **Georgia Irina Oros**, *On certain subclasses of starlike functions*, Libertas Mathematica, vol.XXII, 2002, Arlington, Texas, pp.77-80 [Zbl 1015.30006]
69. Gheorghe Oros, **Georgia Irina Oros**, *Certain functions with positive real part*, General Mathematics Vol.11, No. 3-4(2003), pp.27-33
70. **Georgia Irina Oros**, Adriana Cătaș, *A new differential inequality I*, General Mathematics, Vol.11, No. 1-2(2003), pp.47-52
71. Gheorghe Oros, **Georgia Irina Oros**, *A class of holomorphic functions*, Automation Computers Applied Mathematics, vol. 11, 2002, No.2, pp.77-80
72. **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
73. **Georgia Irina Oros**, *On a first order nonlinear differential subordination*, General Mathematics, Vol.9, No.3-4(2001), pp.39-44 [Zbl 1073.30510]
74. 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]
75. **Georgia Irina Oros**, Gheorghe Oros, G.C. Crainic, *A mathematical model for a superior capitalisation of  $\log$  I*, Analele Universitatii Oradea, Fasc. Silvicultura, Tom V, 2000, pp.143-154
76. **Georgia Irina Oros**, Gheorghe Oros, G.C. Crainic, *A mathematical model for a superior capitalisation of  $\log$  II*, Analele Universitatii Oradea, Fasc. Silvicultura, Tom V, 2000, pp.155-166

f) Articole publicate în volumele unor manifestări științifice internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate

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

9. **Georgia Irina Oros**, Adriana Cătaș, *On a differential inequality*, Proceedings of the 11<sup>th</sup> Conference on Applied and Industrial Mathematics, May 29-31, 2003, Oradea, Romania, vol.2, pp.37-40, ISBN 973 – 613 – 330 – 3

g) Articole publicate în volumele unor manifestări științifice naționale

1. Gheorghe Oros, **Georgia Irina Oros**, *Asupra unei inegalități diferențiale*, A șaptea Conferința Națională a Societății De Științe Matematice Din România, Bistrița, 23-25 mai 2003
2. **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
3. **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
4. 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, Brașov 23-25 mai 2001, vol.II, pp.89-92

Data: 28.01.2014

Candidat: Conf. univ. dr. Oros Georgia Irina