

## CURRICULUM VITAE

**Nume:** RĂDUCANU

**Prenume:** DORINA

**Data și locul nașterii:** 27.02.1964 Brașov

**Cetățenie:** Română

**Studii:**

### Universitare/ doctorat

Instituția	Facultatea de Matematică, Univ. din Brașov	Facultatea de Matematică, Univ. Babeș-Bolyai, Cluj
Perioada: de la (anul) până la (anul)	1982-1986	1992-1994
Grade sau diplome obținute	Licențiat în matematică	Doctor în matematică

**Titlul științific:** Doctor în matematică

### Experiența profesională și didactică:

Funcția	Profesor	Asistent univ.	Lector univ.	Conferențiar univ.
Perioada	1986-1990/ 1989-1990	1990-1995	1995-2002	2002-prezent
Instituția	Școala generală nr. 4/ Săcele Liceul Unirea, Brașov	Fac.de Matematică Univ. Transilvania	Fac.de Matematică Univ. Transilvania	Fac. de Matematică și Informatică, Univ. Transilvania
Locul	jud. Brașov	Brașov	Brașov	Brașov

**Locul de muncă actual:** Facultatea de Matematică și Informatică, Universitatea Transilvania din Brașov

**Vechime la locul de muncă actual:** 24 ani

**Limbi străine cunoscute:** Engleza

**Articole elaborate și/ sau publicate:** 65 de articole (64 publicate și una în curs de publicare) din care 15 în reviste cotate ISI , restul în reviste indexate BDI.

#### Articole în reviste cotate ISI:

1. A. E. Tudor, **D. Răducanu**, *On a subclass of analytic functions involving harmonic means*, An. Ştiinţ. Ovidius Constanţa Ser. Mat., 23(1) (2015), 267-275, DOI: 10.2478/auom-2014-0078.
2. **D. Răducanu**, *Coefficient and pre-schwarzian norm estimates for a class of generalized doubly close-to-convex functions*, Int. J. Math., vol. 25, no.10 (2014) 14500943, 15pp., DOI:10.1142/S0129167X14500943.
3. **D. Răducanu**, *Bounded doubly close-to-convex functions*, Abstr. Appl. Anal., vol. 2014, art. ID 804095 (2014), 7pp., DOI:10.1155/2014/804095.
4. S. Kanas, **D. Răducanu**, *Some class of analytic functions related to conic domains*, Math. Slovaca, 64, no.5 (2014), 1183-1196, DOI: 10.2478/s12175-014-0268-9.
5. **D. Răducanu**, *Analytic functions related with the hyperbola*, Chinese Ann. Math. Series B, 34B(4) (2013), 515-528, DOI: 10.1007/s11401-013-0783-y.
6. H. M. Srivastava, **D. Răducanu**, G. S. Sălăgean, *A new class of generalized close-to-starlike functions defined by Srivastava-Attiya operator*, Acta Math. Sin. (Engl. Ser.), 59(5)(2013), 833-840, DOI:10.1007/s10114-013-2462-z.
7. H. Orhan, **D. Răducanu**, M. Caglar, M. Bayram, *Coefficient estimates and other properties for a class of spirallike functions associated with a differential operator*, Abstr. Appl. Anal., vol. 2013, art. ID 415319 (2013) 7 pp, DOI:10.1155/2013/415319.
8. E. Deniz, **D. Răducanu**, H. Orhan, *On the univalence of an integral operator defined by Hadamard product*, Appl. Math. Lett., 25 (2012), 179-184, DOI:10.1016/j.aml.2011.08.011.
9. H. Orhan, **D. Răducanu**, E. Deniz, *Subclasses of meromorphically multivalent functions defined by a differential operator*, Comput. Math. Appl., 61 (2011), 966-979, DOI:10.1016/j.camwa.2010.12.045.
10. **D. Răducanu**, *On a subclass of univalent functions defined by a generalized differential operator*, Math. Reports, 13(63), 2 (2011), 197-203.
11. **D. Răducanu**, H. Orhan, E. Deniz, *On some sufficient conditions for univalence*, An. Ştiinţ. Ovidius Constanţa Ser. Mat., 18(2) (2010), 217-222.
12. H. Orhan, E. Deniz, **D. Răducanu**, *The Fekete-Szegő problem for subclasses of analytic functions defined by a differential operator related to conic domains*, Comput. Math. Appl., 25 (2010), 283-295, DOI:10.1016/j.camwa.2009.07.049.
13. H. Orhan, **D. Răducanu**, *Fekete-Szegő problem for strongly starlike functions associated with generalized hypergeometric functions*, Math. Comput. Modelling, 50 (2009), 430-438, DOI:10.1016/j.mcm.2009.04.014.
14. **D. Răducanu**, H. M. Srivastava, *A new class of analytic functions defined by means of a convolution operator involving the Hurwitz-Lerch Zeta function*, Integral Transforms Spec. Funct., 18(12) (2007), 933-943, DOI:10.1080/10652460701542074.
15. P. Curt, **D. Răducanu**, *General univalence criteria and quasiconformal extensions starting from Loewner chains theory*, acceptată la Filomat, 2014.

#### Volume de specialitate publicate:

1. N. Pascu, **D. Răducanu**, *Funcţii complexe*, Editura Universităţii Transilvania Braşov, 1999, 221 pp., ISBN 973-9474-16-0.



2. **D. Răducanu**, *Introducere în teoria măsurii și integrării*, Editura Albastră, Cluj-Napoca, 2001, 184 pp., ISBN 973-650-040-3.
3. **D. Răducanu**, *Matematică aplicată în economie*, Editura Universității Transilvania Brașov, 2005, 348 pp., ISBN 973-635-473-7.
4. **D. Răducanu**, *Mathematics for economists*, Editura Infomarket, Brașov, 2008, 168 pp., ISBN 978-973-1747-05-7.

**Granturi și contracte de cercetare științifică:**

Programul/ Proiectul	Funcția	Perioada
1. Contract CNCIS nr.33369/29.06.2004,cod1322 Contribuții la Teoria Geometrică a Funcțiilor Analitice	Director	2004-2006
2. Scientific and research project of Ataturk University, Turkey, Project no. 2010/28	Membru	2010-2011

**Participări (comunicări) la conferințe internaționale:**

1. International Conference on Complex Analysis and the 7<sup>th</sup> Romanian-Finnish Seminar, Timișoara 1993, Romania.
2. The 8<sup>th</sup> Conference of European Women in Mathematics, Trieste, 12-17 December 1997, Italy.
3. International Conference on Complex Analysis and the 8<sup>th</sup> Romanian-Finnish Seminar, Iași 1999, Romania.
4. Computational Methods and Function Theory , Aveiro, 25-29 June, 2001, Portugal.
5. International Conference on Complex Analysis and the 9<sup>th</sup> Romanian-Finnish Seminar, Brașov, 27-31 August 2001, Romania.
6. The 5<sup>th</sup> Congress of the Romanian Mathematicians, Pitești, 22-28 June 2003, Romania.
7. International Conference on Complex Analysis and the 10<sup>th</sup> Romanian-Finnish Seminar, Cluj-Napoca, 14-19 August 2005, Romania.
8. Computational Methods and Function Theory, Joensuu, 13-17 June 2005, Finland.
9. International Symposium on Geometric Function Theory and Applications, Brașov, 1-4 September, 2006, Romania.
10. International Symposium on Geometric Function Theory and Applications, Istanbul, 20-24 August 2007, Turkey.
11. Computational Methods and Function Theory, Ankara, 8-12 June 2009, Turkey.
12. The 15<sup>th</sup> International Conference on Mathematics, Informatics and Related Fields, Naleczow, 6-10 November 2009, Poland.
13. The 7<sup>th</sup> Congress of the Romanian Mathematicians, Brașov, 29 June-5 July 2011, Romania.
14. International Symposium on Geometric Function Theory and Applications, Cluj-Napoca, 4-8 September 2011, Romania.
15. International Conference on Mathematics and Computer Science, Brașov, 26-28 June 2014, Romania.

## **Alte mențiuni**

### **- Referent în Comisii de doctorat:**

1. Teza de doctorat "Contribuții în teoria funcțiilor univalente", drd. Veronica Oana Nechita, conducător prof. dr. acad. P. T. Mocanu, Univ. Babeș-Bolyai, Cluj-Napoca, 2007.
2. Teza de doctorat "Some studies on the subclasses of analytic functions in the unit disc defined by a family of generalized differential and integral operators", drd. C. Santhosi Moni, conducător prof. dr. C. Selvaraj, Univ. Madras, India, 2012.
3. Teza de doctorat "Noi clase de funcții analitice", drd. Andreea- Elena Tudor, conducător prof. dr. G. Sălăgean, Univ. Babeș-Bolyai, Cluj-Napoca, 2013.

### **- Referent la reviste de specialitate:**

1. Bulletin of the Belgian Mathematical Society - Simon Stevin
2. Journal of Inequalities and Applications
3. Journal of the Korean Mathematical Society
4. Journal of Mathematical Inequalities
5. Abstract and Applied Analysis
6. Applied Mathematics Letters
7. Computers and Mathematics with Applications
8. Hacettepe Journal of Mathematics and Statistics
9. Mathematica Slovaca
10. Mathematica Pannonica
11. International Journal of Mathematics and Mathematical Sciences
12. Bulletin of Mathematical Analysis and Applications
13. Journal of Applied Analysis and Computation
14. Le Matematiche
15. Matematički Vesnik
16. Kragujevac Journal of Mathematics
17. Analele Universității din Oradea, Fasc. Matematica
18. Analele Științifice ale Univ. Ovidius Constanța, Ser. Matematica

**- Recenzent la baze de date:** Mathematical Reviews, Zentralblatt Math.

### **- Participări la activități didactice în universități din străinătate:**

Profesor invitat la Universitatea Atatürk din Erzurum, 9-16 Februarie 2009, Turcia.

### **- Organizare de evenimente științifice:**

Membru în Comitetul de organizare al conferinței „*International Conference on Mathematics and Computer Science*”, 26-28 Iunie 2014, Brașov.

**Membru în asociații profesionale și științifice:**

1. Societatea de Științe Matematice din România (SSMR)
2. Societatea Europeană de Matematică(EMS)

**Alte competențe:**

Coordonator program de studiu licență Matematică-informatică din Decembrie 2011

**Experiență managerială:**

- Secretar științific al Facultății de Matematică și Informatică, 2009-2012
- Prodecan responsabil cu activitatea de cercetare al Facultății de Matematică și Informatică, 2012- prezent
- Coordonaor al următoarelor comisii ale Departamentului de Matematică și Informatică: comisia de etică și disciplină, comisia de audit intern, 2012-prezent.

Data: 29.12. 2014

Conf. univ. dr. Dorina RĂDUCANU



## Lista de lucrări

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### a) 10 lucrări ISI, cele mai relevante pentru realizările profesionale

1. **D. Răducanu**, *Coefficient and pre-schwarzian norm estimates for a class of generalized doubly close-to-convex functions*, Int. J. Math., vol. 25, no.10 (2014) 14500943, 15pp, DOI:10.1142/So129167X14500943.
2. **D. Răducanu**, *Bounded doubly close-to-convex functions*, Abstr. Appl. Anal., vol. 2014, art. ID 804095 (2014), 7pp, DOI:10.1155/2014/804095.
3. S. Kanas, **D. Răducanu**, *Some class of analytic functions related to conic domains*, Math. Slovaca, 64, no.5 (2014), 1183-1196, DOI: 10.2478/s12175-014-0268-9.
4. **D. Răducanu**, *Analytic functions related with the hyperbola*, Chinese Ann. Math. Series B, 34B(4) (2013), 515-528, DOI: 10.1007/s11401-013-0783-y.
5. H. M. Srivastava, **D. Răducanu**, G. S. Sălăgean, *A new class of generalized close-to-starlike functions defined by Srivastava-Attiya operator*, Acta Math. Sin. (Engl. Ser.), 59(5)(2013), 833-840, DOI:10.1007/s10114-013-2462-z.
6. E. Deniz, **D. Răducanu**, H. Orhan, *On the univalence of an integral operator defined by Hadamard product*, Appl. Math. Lett., 25 (2012), 179-184 DOI:10.1016/j.aml.2011.08.011.
7. H.Orhan, **D. Răducanu**, E. Deniz, *Subclasses of meromorphically multivalent functions defined by a differential operator*, Comput. Math. Appl., 61 (2011), 966-979, DOI:10.1016/j.camwa.2010.12.045.
8. H. Orhan, E. Deniz, **D. Răducanu**, *The Fekete-Szego problem for subclasses of analytic functions defined by a differential operator related to conic domains*, Comput. Math. Appl., 25 (2010), 283-295, DOI:10.1016/j.camwa.2009.07.049.
9. H. Orhan, **D. Răducanu**, *Fekete-Szego problem for strongly starlike functions associated with generalized hypergeometric functions*, Math. Comput. Modelling, 50 (2009),430-438, DOI:10.1016/j.mcm.2009.04.014.
10. **D. Răducanu**, H. M. Srivastava, *A new class of analytic functions defined by means of a convolution operator involving the Huwitz-Lerch Zeta function*, Integral Transforms Spec. Funct., 18(12) (2007), 933-943, DOI:10.1080/10652460701542074.

### b) Teza de doctorat

1. **D. Răducanu**, *Criterii de univalență*, Universitatea Babeș-Bolyai, Cluj-Napoca, 1994.

### c) Volume de specialitate

1. N. N. Pascu, **D. Răducanu**, *Funcții complexe*, Editura Universității Transilvania Brașov, 1999, 221 pp., ISBN 973-9474-16-0.
2. **D. Răducanu**, *Introducere în teoria măsurii și integrării*, Editura Albastră, Cluj-Napoca, 2001, 184 pp., ISBN 973-650-040-3.
3. **D. Răducanu**, *Matematică aplicată în economie*, Editura Universității

Transilvania Braşov, 2005, 348 pp., ISBN 973-635-473-7.

4. **D. Răducanu**, *Mathematics for economists*, Editura Infomarket, Braşov, 2008, 168 pp., ISBN 978-973-1747-05-7.

#### d) Lucrări ISI

1. A. E. Tudor, **D. Răducanu**, *On a subclass of analytic functions involving harmonic means*, An. Ştiinţ. Ovidius Constanţa Ser. Mat., 23(1) (2015), 267-275, DOI: 10.2478/auom-2014-0078, (FI 2014: 0,230 şi SRI 2014: 0,134).
2. **D. Răducanu**, *Coefficient and pre-schwarzian norm estimates for a class of generalized doubly close-to-convex functions*, Int. J. Math., vol. 25, no.10 (2014) 14500943, 15pp, DOI:10.1142/So129167X14500943 (FI 2014: 0,552 şi SRI 2014: 1,048)
3. **D. Răducanu**, *Bounded doubly close-to-convex functions*, Abstr. Appl. Anal., vol. 2014, art. ID 804095 (2014), 7pp, DOI:10.1155/2014/804095 (FI 2014: 1,274 şi SRI 2014: 0,447).
4. S. Kanas, **D. Răducanu**, *Some class of analytic functions related to conic domains*, Math. Slovaca, 64, no.5 (2014), 1183-1196, DOI: 10.2478/s12175-014-0268-9 (FI 2014: 0,451 şi SRI 2014: 0,260).
5. **D. Răducanu**, *Analytic functions related with the hyperbola*, Chinese Ann. Math. Series B, 34B(4) (2013), 515-528, DOI: 10.1007/s11401-013-0783-y (FI 2013: 0,504 şi SRI 2013: 0,603; FI 2014: 0,316 şi SRI: 0,773).
6. H. M. Srivastava, **D. Răducanu**, G. S. Sălăgean, *A new class of generalized close-to-starlike functions defined by Srivastava-Attiya operator*, Acta Math. Sin. (Engl. Ser.), 59(5)(2013), 833-840, DOI:10.1007/s10114-013-2462-z (FI 2014:0,419 şi SRI 2014: 0,472).
7. H. Orhan, **D. Răducanu**, M. Caglar, M. Bayram, *Coefficient estimates and other properties for a class of spirallike functions associated with a differential operator*, Abstr. Appl. Anal., vol. 2013, art. ID 415319 (2013) 7 pp., DOI:10.1155/2013/415319 (FI 2014: 1,274 şi SRI 2014: 0,447).
8. E. Deniz, **D. Răducanu**, H. Orhan, *On the univalence of an integral operator defined by Hadamard product*, Appl. Math. Lett., 25 (2012), 179-184 DOI:10.1016/j.aml.2011.08.011 (FI 2014: 1,480 şi SRI 2014: 0,853).
9. H.Orhan, **D. Răducanu**, E. Deniz, *Subclasses of meromorphically multivalent functions defined by a differential operator*, Comput. Math. Appl., 61 (2011), 966-979, DOI:10.1016/j.camwa.2010.12.045 (FI 2014: 1,996 şi SRI 2014: 1,009).
10. **D. Răducanu**, *On a subclass of univalent functions defined by a generalized differential operator*, Math. Reports, 13(63), 2 (2011), 197-203 (FI 2014: 0,086 şi SRI 2014: 0,247).
11. **D. Răducanu**, H. Orhan, E. Deniz, *On some sufficient conditions for univalence*, An. Ştiinţ. Ovidius Constanţa Ser. Mat., 18(2) (2010), 217-222 (FI 2014: 0,230 şi SRI 2014: 0,134).
12. H. Orhan, E. Deniz, **D. Răducanu**, *The Fekete-Szego problem for subclasses of analytic functions defined by a differential operator related to conic domains*, Comput. Math. Appl., 25 (2010), 283-295, DOI:10.1016/j.camwa.2009.07.049 (FI 2014: 1,996 şi SRI 2014: 1,009).
13. H. Orhan, **D. Răducanu**, *Fekete-Szego problem for strongly starlike functions associated with generalized hypergeometric functions*, Math. Comput.



Modelling, 50 (2009), 430-438, DOI:10.1016/j.mcm.2009.04.014  
(FI 2014:2,02 și SRI 2014: 1,094).

14. **D. Răducanu**, H. M. Srivastava, *A new class of analytic functions defined by means of a convolution operator involving the Hurwitz-Lerch Zeta function*, Integral Transforms Spec. Funct., 18(12) (2007), 933-943, DOI:10.1080/10652460701542074 (FI 2014: 0,814 și SRI 2014: 0,449)

#### e) Lucrări în reviste indexate în MR

15. **D. Răducanu**, H. Tudor, S. Owa, *An extension of a basic univalence criterion*, Tamkang J. Math., 44(4) (2013), 417-430 MR3153077.
16. **D. Răducanu**, H. Tudor, *A generalization of Goluzin's univalence criterion*, Stud. Univ. Babeș-Bolyai Math., 57(2) (2012), 261-267 MR2974595.
17. **D. Răducanu**, V. O. Nechita, *A differential sandwich theorem for analytic functions defined by the generalized Sălăgean operator*, Aust. J. Math. Anal. Appl., 9(1) (2012), art. 8, 7 pp. MR2878500.
18. **D. Răducanu**, H. Orhan, E. Deniz, *Inclusion relationship and Fekete-Szegő like inequalities for a subclass of meromorphic functions*, J. Math. Appl., 34 (2011), 87-95 MR2884316.
19. **D. Răducanu**, *On the properties of a certain class of analytic functions*, Bull. Transilv. Univ. Brașov Ser. III 3(52) (2010), 115-124 MR2841728.
20. **D. Răducanu**, *On the properties of a subclass of analytic functions*, Stud. Univ. Babeș-Bolyai Math., 55(3) (2010), 187-195 MR2764263.
21. H. Orhan, **D. Răducanu**, *On certain subclasses of analytic functions of complex order defined by generalized hypergeometric functions*, Punjab Univ. J. Math. (Lahore), 42 (2010), 25-40 MR2747168.
22. E. Deniz, **D. Răducanu**, H. Orhan, *On an improvement of a univalence criterion*, Math. Balkanica (N. S.), 24(1-2) (2010), 33-39 MR2666489.
23. **D. Răducanu**, H. Orhan, *Subclasses of analytic functions defined by a generalized differential operator*, Int. J. Math. Anal. (Ruse), 4(1-4) (2010), 1-15 MR2657755.
24. **D. Răducanu**, *On a subclass of analytic functions defined by a differential operator*, Bull. Transilv. Univ. Brașov Ser. III 2(51) (2009), 223-229 MR2642513.
25. **D. Răducanu**, *On the Fekete-Szegő inequality for a class of analytic functions defined by using the generalized Sălăgean operator*, Gen. Math., 16(3) (2008), 19-27 MR2469814.
26. **D. Răducanu**, V. O. Nechita, *On  $\alpha$ -convex analytic functions defined by generalized Ruscheweyh derivatives operator*, Stud. Univ. Babeș-Bolyai Math., 53(2) (2008), 109-118 MR2440764.
27. **D. Răducanu**, *On some classes of functions*, Bull. Transilv. Univ. Brașov Ser. B (N. S.) 14(49) (2007), 21-26 MR2460642.
28. **D. Răducanu**, *On some univalence conditions for analytic functions in the unit disk*, Bull. Transilv. Univ. Brașov Ser. B (N. S.) 12(27) (2005), 39-42 MR2404691.
29. **D. Răducanu**, I. Radomir, M. E. Gageonea, N. R. Pascu, *A generalization of Ozaki-Nunokawa's univalence criterion*, J. Inequal. Pure Appl. Math., 5(4) (2004), art. 95, 4pp. MR2112448.



30. N. N. Pascu, **D. Răducanu**, *On some properties of univalent functions in the upper half plane*, *Mathematica*, 46(69)1 (2004), 101-104 MR2104029.
31. **D. Răducanu**, *A univalence criterion for analytic functions in the unit disk*, *Mathematica*, 46(69)2 (2004), 213-216 MR2102193.
32. **D. Răducanu**, *On close-to-convex mappings of a Banach space into the complex space*, *Mathematica*, 45(68)1 (2003), 69-72 MR2055301.
33. N. N. Pascu, **D. Răducanu**, S. Owa, *Subordination chains and univalence criteria*, *Bull. Korean Math. Soc.*, 40(4) (2003), 671-675 MR2018648.
34. P. Curt, **D. Răducanu**, *Univalence criteria*, *International Conference on Complex Analysis and the 8th Romanian-Finnish Seminar*, Iași 1999, *Mathematica*, 43(66) 1 (2001), (2003), 35-41 MR2015371.
35. **D. Răducanu**, *A univalence condition*, *Mathematica*, 44(67) 2 (2002), 209-214 MR2032435.
36. **D. Răducanu**, P. Curt, *A univalence condition*, *Stud. Univ. Babeş-Bolyai Math.*, 47(2) (2002), 61-66 MR1989591.
37. **D. Răducanu**, *On uniformly convex mappings of a Banach space into the complex space*, *Stud. Univ. Babeş-Bolyai Math.*, 47(2) (2002), 57-60 MR1989590.
38. **D. Răducanu**, *Sufficient conditions for univalence in  $C^n$* , *Int. J. Math. Math. Sci.*, 32(12) (2002), 701-706 MR1954927.
39. D. Blezu, **D. Răducanu**, *The univalence of integral operator*, *Zeszyty Nauk Politech. Rzeszowskiej Mat.*, 26(2002), 45-50 MR1949589.
40. N. N. Pascu, **D. Răducanu**, *A univalency criterion for analytic functions in the upper half plane*, *Gen. Math.*, 9(3-4) (2001), 55-60 MR2033228.
41. **D. Răducanu**, *First order differential subordinations and inequalities in a Banach space*, *Studia Univ. Babeş-Bolyai Math.*, 46 (3) (2001), 83-87 MR1989608.
42. **D. Răducanu**, *On some classes of holomorphic functions*, *Studia Univ. Babeş-Bolyai Math.*, 46 (2) (2001), 123-126 MR1954262.
43. N. N. Pascu, **D. Răducanu**, M. N. Pascu, N. R. Pascu, *On convex functions in an elliptical domain*, *Studia Univ. Babeş-Bolyai Math.*, 46 (2) (2001), 97-100 MR1954258.
44. **D. Răducanu**, *On univalence of holomorphic mappings in  $C^n$* , *Demonstratio Math.*, 34(4) (2001), 789-794 MR1869781.
45. **D. Răducanu**, *On inverse Loewner chains*, *Studia Univ. Babeş-Bolyai Math.*, 45 (1) (2000), 97-99 MR2062537.
46. N. N. Pascu, **D. Răducanu**, M. N. Pascu, N. R. Pascu, *Alpha-spiral functions in an elliptical domain*, *Filomat*, 14 (2000), 9-12 MR1953989.
47. D. Blezu, **D. Răducanu**, *On the univalence for integral operators*, *Zeszyty Nauk. Politech. Rzeszowskiej Mat.*, 24 (2000), 15-20 MR1824855.
48. **D. Răducanu**, S. Owa, P. Curt, *On an univalence criterion*, *New extension of historical theorems for univalent function theory (Japanese) (Kyoto, 1999)*, *Sūrikaiseikikenkyūsho Kōkyūroku*, 1164 (2000), 124-132 MR1805567.
49. **D. Răducanu**, *Alpha-spiral mappings of a Banach space into the complex plane*, *New extension of historical theorems for univalent function theory (Japanese) (Kyoto, 1999)*, *Sūrikaiseikikenkyūsho Kōkyūroku*, 1164 (2000), 118-124 MR1805566.
50. N. N. Pascu, **D. Răducanu**, S. Owa, *Subordination chains and univalence criteria*, *New extension of historical theorems for univalent function theory (Japanese) (Kyoto, 1999)*, *Sūrikaiseikikenkyūsho Kōkyūroku*, 1164 (2000),

- 111-117 MR1805565.
51. N. N. Pascu, **D. Răducanu**, N. R. Pascu, M. N. Pascu, *Starlike functions in an elliptical domain*, Libertas Math., 20 (2000), 63-65 MR1801114.
  52. P. Curt, **D. Răducanu**, *Loewner chains and univalence criteria*, Libertas Math., 20 (2000), 59-62 MR1801113.
  53. **D. Răducanu**, P. Curt, *Univalence criteria for holomorphic mappings in  $C^n$* , Libertas Math., 20 (2000), 55-58 MR1801112.
  54. **D. Răducanu**, *On some univalence conditions*, Mem. Sect. Științ. Acad. Română, Ser. IV 19 (1996), (1998), 69-74 MR1687696.
  55. **D. Răducanu**, *Some sufficient conditions for univalence in the upper half-plane*, Studia Univ. Babeș-Bolyai Math., 41(1) (1996), 47-50 MR1621883.
  56. N. N. Pascu, **D. Răducanu**, *On a class of univalent functions*, Mathematica, 38(61), 1-2 (1996), 157-161 MR1606860.
  57. **D. Răducanu**, *On a univalence criterion*, Mathematica, 37(60), 1-2 (1995), 227-231 MR1607857.
  58. **D. Răducanu**, *Second-order differential subordinations in the half-plane*, Studia Univ. Babeș-Bolyai Math., 40 (2) (1995), 35-39 MR1434780.
  59. N. N. Pascu, M. Obradovic, **D. Răducanu**, *A sufficient univalence condition*, Filomat, 9(1) (1995), 33-38 MR1385567.
  60. **D. Răducanu**, P. Curt, *On some univalence criteria in the halfplane*, Bull. Transilv. Univ. Brașov Ser. B (N.S.) 1(36) (1994), 27-29 (1995) MR1366711.
  61. **D. Răducanu**, N. N. Pascu, *Differential subordinations for holomorphic functions in the upper half-plane*, International Conference on Complex Analysis and the 7<sup>th</sup> Romanian-Finnish Seminar, Timișoara 1993, Mathematica (Cluj), 36(59) 2 (1994), 215-217 MR1362588.
  62. N. N. Pascu, **D. Răducanu**, *Generalized means and generalized convexity*, Seminar of Geometric Function Theory, Res. Sem. Preprint, 3, "Transilvania" Univ., Brașov, (1993), 95-98 MR1287439.
  63. H. Ovesea, I. Radomir, **D. Răducanu**, *An integral operator which preserves the univalency*, Seminar of Geometric Function Theory, Res. Sem. Preprint, 3, "Transilvania" Univ., Brașov, (1993), 89-93 MR1287438.
  64. H. Ovesea, N. N. Pascu, **D. Răducanu**, *On the univalence of an integral operator*, Seminar of Geometric Function Theory, Res. Sem. Preprint, 3, "Transilvania" Univ., Brașov, (1993), 81-87 MR1287437.

#### f) Lucrare acceptată în revistă ISI

65. P. Curt, **D. Răducanu**, *General univalence criteria and quasiconformal extensions starting from Loewner chains theory*, Filomat, 2014.

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