CURRICULUM VITAE

Name: POPESCU, Sever Angel

Titles: Ph. D. (from 1986), Professor (from 2002), retired and associated professor (from October 2016).

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• Website: http://civile.utcb.ro/cmat/cmatcvap1.htm (Departamentul de Matematică şi Informatică)

Personal Data: *Born*: October 8th, 1950, Drobeta Turnu-Severin, Romania.

Marital status: married, Angela Popescu, Professor, Ph.D., Organic Chemistry Department, Politehnica University Bucharest (now retired - from 2014).

Children: Ioan-Costin, born 1978, researcher II, Ph. D. in Biochemistry, from Oxford University;

Marius-Angel, born 1981, senior IT expert, AMDOCS, Cyprus Division.

Education:

- Faculty of Mathematics, University of Bucharest (1969-1974); Diploma of Mathematician (1974);

- Ph. D. Thesis (1986): "Galois correspondences for general extensions of fields" under supervision of the late corresponding member of the Romanian Academy, Dr. Doc. Nicolae Popescu, Institute of Mathematics of the Romanian Academy.

Academic positions:

- Assistant Professor (1978-1990); Lecturer (1990-1993); Associated Professor (1993-2002); Professor (from 2002-2016) at Department of Mathematics and Computer Sciences, Technical University of Civil Engineering Bucharest;

- Teaches: Linear Algebra, Analytical Geometry, Differential Geometry, Mathematical Analysis, Probability and Statistics, Differential Equations, Calculus of Variations (in Romanian and in English);
- Foreign Professor I, Abdus Salam School of Mathematical Sciences, G.C. University, Lahore, Pakistan, (2004-2009). Teaches: Modern Algebra, Field Theory, Galois Theory, Valuation Theory and supervises Ph. D. scholars in Field Theory and Valuation Theory.

Rewards:

- 2005, reward "Gheorghe Lazăr" for outstanding results in mathematical research papers, published along the year 2003 (five papers published in recognized math journals).

Scientific Activities:

- *Research domains*: Valuation Theory, Algebraic Number Theory and Galois Theory of fields.
- *Publications*: • 42 scientific research papers published in internationally recognized mathematical journals (see the list of publications bellow).
- 25 scientific communications in national and international conferences, symposiums, workshops, etc. (see the list of publications bellow).
- 5 books in Romanian and 4 books in English (see the list of publications bellow).
- *More than 37 lectures delivered at the scientific seminar"Seminarul de Algebra şi Teoria Numerelor, Nicolae Popescu", Institutul de Matematică al Academiei Române.*
- *More than 6 lectures delivered at the scientific seminar of the Department of Mathematic and Computer Science, Universitatea Tehnică de Construcţii Bucureşti.*
- *Member in 16 Romanian and international grants:*

Ph. D. Advisor

1. Sobia Sultana, Thesis: "*Algebraic Elements and their Arithmetic in Banach Algebras of Continuous functions on Galois Groups*, session 2004-2008, Abdus Salam School of Mathematical Science-GCU, Lahore, Pakistan.
2. Asim Naseem, Thesis: "*Subfields of Valued Field and Galois Theory of Transcendental Extensions*", session: 2004-2008, Abdus Salam School of Mathematical Science-GCU, Lahore, Pakistan.

Member in Ph. D. Commissions

1. Cristian Cobeli, "Aproximaţii pntru funcţii aritmetice", Institutul de Matematică al Academiei Române (IMAR, Institutul de Matematică al Academiei Române),1993.

2. Marian Vâjâitu, "Estimări pentru idealul generat de valorile unui polinom peste un inel Dedekind", IMAR, 1994.

3. Dragoş Chirică, "Corpuri de numere algebrice", IMAR, 1996.

4. Stănică Pantelimon, "Crome, funcţii booleene şi caracteristici de avalanşe", IMAR, 1998.

5. Gheorghe Udrea, "Proprietăţi aritmetice ale polinoamelor Cebîşev", IMAR, 1998.

6. Marian Florin Anton, "Asupra unei clase de grupuri liniare generale şi coomologia lor modulo l", IMAR, 1998.

7. Călin Adrian Diaconu, "Aplicaţii ale seriilor Dirichlet duble la deformări bipătratice", IMAR, 1999.

8. Constantin-Nicolae Beli, "Grupuri normice spinoriale întregi peste corpuri locale diadice", IMAR, 2002.

9. Cătălina Andronache, "Extinderi simetrice de valuări de la K la K($X_1,…,X_n$), Universitatea Bucureşti, 2014.

Editorial Board Member

Romanian Journal of Mathematics and Computer Science (since 2011).

Reviewer

Mathematical Reviews, Nr. 04988 (since 2006).

Member in at least 11 academic titles commissions:

Victor Alexandru (University of Bucharest, 2 times); Ileana Armeanu (University of Agronomy of Bucharest, 2 times); Ileana Bucur (TUCEB); Tiberiu Dumitrescu (University of Bucharest); Constantin Vraciu (University of Bucharest); Emil Popescu (TUCEB); Alexandru Ghica (University of Bucharest); Mohamad Surahmat (University Islam Malang, Indonesia); Cristina Nartea (TUTCB); Narcisa Teodorescu (TUCEB), etc.

LISTA PUBLICAŢIILOR

Prof. dr. Sever Angel POPESCU

[Factorul de Impact (IF) este calculat pe 2014, luat de pe pagina web:
http//:uefiscdi.gov.ro/Public/cat/436/Thomson-Reuters_ISI.html]

A. Ph. D. Thesis : "Galois correspondences for general fields"
Supervisor: Dr. Doc. Nicolae POPESCU, corresponding member of the Romanian Academy (Institute of Mathematics of the Romanian Academy) (may, 1986)

B. Papers published in ISI indexed mathematical journals

1. A. Popescu, *Galois type correspondences for nonseparable normal extensions fields*, Proc. Japan Academy, 62, Ser. A, No. 6, (1986), 213- 215; reviewed by *Zentralblatt Math.* 0611.12019; ISSN 0386-2194, IF: 0.298

2. A. Popescu, *Corespondenţe Galois pentru extinderi algebrice de corpuri,* Math. Reports, T. 39, No. 3, (1987) 187 – 227; reviewed by *Zentralblatt Math.* 0626.12018; ISSN 2285-3898, ISSN-L 1582-3067, IF: 0.159

3. A. Popescu, *Asupra noţiunii de diferenţială în teoria funcţiilor algebrice cu corpul constantelor arbitrar,* Math. Reports, T. 44, No. 6, (1992) 529 – 541; reviewed by *Zentralblatt Math.* 0773.12003; ISSN 2285-3898, ISSN-L 1582-3067, IF: 0.159

4. A. Popescu, *On the genus of an algebraic function field,* Bull. Math. Soc. Sci. Roum., T. 36 (84), No. 3-4, (1992) 359 – 364; reviewed by *Zentralblatt Math.* 0813.11063; ISSN 1220-3874, IF: 0.703

5. A. Popescu, *On almost complementary bases and pseudotraces*, Bull. Math. Soc. Sci. Roum., Nouv. Ser., T. 37 (1-2), (1993), 109 – 114; reviewed by *Zentralblatt Math.* 0855.11058; ISSN 1220-3874, IF: 0.703

6. V. Alexandru, A. Popescu, N. Popescu, *Completion of r.t. extensions of local fields (I)* Math. Zeitschrift, Band 221, (1996), 675-682; reviewed by *Zentralblatt Math.* 0852.12003; ISSN 0025-5874, IF: 0.930

7. V. Alexandru, A. Popescu, N. Popescu, *Completion of r.t. Extesions of Local Fields (II)* Rend. Sem. Mat. Univ. Padova, vol. 100, (1998), 57 – 66; reviewed by *Zentralblatt Math.* 0923.12010; ISSN 0041-8994, IF: 0.287

8. V. Paşol, A. Popescu, N. Popescu, *Spectral norms on valued fields*, Math. Zeitschrift, Band 238**,** 1**, (**2001**),** 101-114; reviewed by *Zentralblatt Math. 01675794*; ISSN 0025-5874, IF: 0.930

9. A. Popescu, *An Euclidean algorithm in K[X₁,...,Xₙ] and an application in valuation theory,* Math. Reports, No. 2, (2001), 189-194. reviewed by *Zentralblatt Math. 1076.12006;* ISSN 2285-3898, ISSN-L 1582-3067, IF: 0.159

10. A. Popescu, *On the Krull topology of the p-adic absolute Galois group,* Bull. Math. Soc. Sci. Roum., 44 (92), No.3, (2001), 271-275; reviewed by *Zentralblatt Math. 1047.12004;* ISSN 1220-3874, IF: 0.703

11. A. Popescu, *Galois ultrametric spaces,* Math. Reports, Vol. 4 (54), No.3, (2002), 269-288; ISSN 2285-3898, ISSN-L 1582-3067, IF: 0.159

12. A. Popescu, N. Popescu, M. Vâjâitu, A. Zaharescu, *Chains of metric invariants over p-adic fields*, Acta Aritmetica, 103, No.1 (2002), 27-40, reviewed by *Zentralblatt Math. 1034.11064;* ISSN 0065-1036, IF: 0.571

13. A. Popescu, N. Popescu, A. Zaharescu, *Transcendental divisors and their critical functions,* Manuscripta Math., 110, 4 (2003), 527-541; reviewed by *Zentralblatt Math. 1027.12004;* ISSN 0025-2611, IF: 0.700

14. A.Popescu, N. Popescu, A. Zaharescu, *Metric invariants over Henselian valued fields,* Journal of Algebra, Vol. 266 (1), (2003), 14-26; reviewed by *Zentralblatt Math. 01967895;* ISSN 0021-8693, IF: 0.808

15. A. Popescu, N. Popescu, A. Zaharescu, *On the spectral norm of algebraic numbers*, Math. Nachrichten, 260, (2003), 78-83; reviewed by *Zentralblatt Math. 1048.12007;* ISSN 0025-584X, IF: 0.922

16. A. Popescu, N. Popescu, A. Zaharescu, *Galois structures on plane compacts,* Journal of Algebra, Vol. 270 (1), (2003), 238-248; reviewed by *Zentralblatt Math. 1038.12004;* ISSN 0021-8693, IF: 0.808

17. A. Popescu, N. Popescu, A. Zaharescu, *Trace series on Q_K – tilde,* Results in Math. 43, (2003), 331-342; reviewed by *Zentralblatt Math. Pre 01997692;* ISSN 1422-6383, IF: 1.166

18. A. Popescu, N. Popescu, A. Zaharescu, *A Galois theory for the Banach algebra of continuous symmetric functions on absolute Galois groups,* Result. Math. 45 (2004), 349-358; *Zentralblatt Math.1142.11376;* ISSN 1422-6383, IF: 1.166

19. A. D. R. Choudary, A. Popescu. N. Popescu, *On the structure of compact subsets of C_p,* Acta Arith. 123, No.3 (2006), 253-266; *Zentralblatt Math.1105.11038;* ISSN 1422-6383, IF: 0.571

20. E. L. Popescu, N. Popescu and S. A. Popescu, *On the automorphisms of the spectral completion of the algebraic number field,* J. Pure Appl. Alg., Vol. 212, No. 6, (2008), 1427-1431; reviewed by *Zentralblatt Math. 1170.11043;* ISSN 0022-4049, IF: 0.640

21. A. Naseem, A. Popescu, *Extensions of discrete finite rank valued fields,* Bull. Math. Soc. Sci. Roum., Tome 51 (99), No.3, (2008), 245-252; ISSN 1220-3874, IF: 0.703

22. V. Alexandru, <u>S. A. Popescu,</u> E. L. Popescu, and S. Sultana, *v-adic maximal extensions, spectral norms and absolute Galois Groups,* Monatshefte fur Mathematik, Vol. 158, No. 3, November (2009) 223-233; Electronic version: DOI 10.1007/s006o5-008-0069-8; reviewed by *Zentralblatt Math.1241.12003;* ISSN 0026-9255, IF: 0.873

23. <u>S. A. Popescu</u> and S. Sultana, *Relative Spectral Norm on Algebraic Numbers,* Rend. Sem. Mat. Padova, Vol. 122 (2009), 1-11; ISSN 0041-8994, IF: 0.287

24. <u>S. A. Popescu</u>, Asim Naseem, Nicolae Popescu, *A Galois theory for the field extension K((X))/K,* Glasgow Math. J. 52 (2010) 447-451; Electronic version: doi 10.1017/S0017089510000339; ISSN 0017-0895, IF: 0.447

25. <u>S. A. Popescu</u>, *Absorbant property, Krasner type lemmas and spectral norms for a class of valued fields,* Proc. of Japan Academy, vol. 89, Ser. A, (2013), 138-143; ISSN 0386-2194, IF: 0.298

26. V. Alexandru, <u>A. Popescu</u>, *v-maximal extensions, henselian fields and conservative fields,* Bull. Math. Soc. Sci. Math. Roumanie, Tome **56** (104) No.1, (2013), 55-64; *Zentralblatt Math. 1289.12002;* ISSN 1220-3874, IF: 0.703

27. <u>S. A. Popescu</u>, *On a class of Henselian fields,* Bull. Math. Soc. Sci. Math. Roumanie, Tome 58 (106) No.2, (2015), 193-198; ISSN 1220-3874, IF: 0.703

C. Papers published in internationally recognized data bases indexed mathematical journals (Scopus, Mathematical Reviews, Zentralblatt für Mathematik, Google Scholars, etc.)

1. <u>A. Popescu</u>, C. Sevici, *Some remarks on the additive categories with separators,* Rev. Roum. de Math. pures et appl., T. XX, No. 5, (1975) 599- 603; reviewed by *Zentralblatt Math.* 0313.18008; ISSN 0035-3965

2. <u>A. Popescu</u>, *On the euclideanity in rings,* Rev. Roum. de Math. pures et appl., T. XVII, No. 2, (1982), 181- 185; reviewed by *Zentralblatt Math.* 0508.13009; ISSN 0035-3965

3. <u>A. Popescu</u>, A dual Galois theory of rank two for nonseparable extensions of fields, Preprint Series in Math., No. 63, INCREST-Bucharest (1985), ISSN 0250-3638

4. <u>A. Popescu</u>, *The completion of a Gauss type valuation field,* Bul. Stiin., Univ. Baia Mare, seria B (now Carpatian Journal of Mathematics), vol. 12, No. 1, (1996), 15 – 16; reviewed by *Zentralblatt Math.* 0874.12005; ISSN 1584-2851

5. <u>A. Popescu</u>, *The value of proofs and intuitive examples in teaching mathematics,* Lucrarile Seminarului de Creativitate Matematica (now Creative Mathematics and Informatics), Vol. 6, (1996), 67-71, ISSN 1224-3310 (now 1584-286X)

6. <u>A.Popescu</u>, *On a class of ultrametric measures,* Scientiae Mathematicae Japonicae, 54, No. 2, (2001), 383-385, electronoic version, 4, 867-869; reviewed by *Zentralblatt Math. 1001.11047;* ISSN 1346-0447

7. <u>A. Popescu</u>, *Group-metric spaces and a class of p-adic valued measures,*Comm. Math. Univ. Sancti Pauli, Vol. 50, No.2, (2001), 129-139; reviewed by *Zentralblatt Math. 0990.11074*; ISSN 0010-258X

8. <u>A. Popescu</u>, *On some topological representations of the absolute Galois group,*
JP J. Alg., Number Th., App., Vol. 4, No.1 (2004), 103-112; reviewed by *Zentralblatt Math. 02108075;* ISSN 0972-5555, GIF: 0.786

9. <u>A. Popescu</u>, *On the arithmetical structure of some compact subsets in the p-adic complex number field*, The Journal of Prime Research in Mathematics, Vol. 1, No.1 (2005), 136-144; ISSN 1818-5495

10. S. Nazir, <u>A. Popescu</u>, *On some subfields of K((X)),* The Journal of Prime Research in Mathematics, Vol. 2, No.2 (2006), 194-197; *Zentralblatt Math.1179.12002;* ISSN 1818-5495

11. S. Ahmad, <u>A. Popescu</u>, *On the arithmetic of the rational function field K(X),*
The Journal of Prime Research in Mathematics, Vol. 2, No.2 (2006), 198-202; *Zentralblatt Math.1133.12002;* ISSN 1818-5495

12. <u>A. Popescu</u>, *Polynomial orthogonal bases for a class of closed rings*, Romanian Journal of Mathematics and Computer Science, Vol. 1, Issue 1, (2011), 7-11;
ISSN 2247-689X

13. S. Achimescu, <u>A. Popescu</u>, M. Buliga, *A natural algorithm for finding particular solutions for a class of LDE,* IJPAM, Vol. 87, No.1 (2013), 115-127; ISSN 1314-3395

14. <u>A. Popescu</u>, *Linear differential equations over arbitrary algebraically closed fields,* Romanian Journal of Mathematics and Computer Science, vol. 4, Issue 1, (2014), 91-100; ISSN 2247-689X

15. <u>A. Popescu</u>, *On Laguerre's theorem,* Romanian Journal of Mathematics and Computer Science, vol. 5, Issue 1, (2015), 25-34; ISSN 2247-689X

16. <u>A. Popescu</u>, *Algebraic Equations with linear shift operators on sequences,* Romanian Journal of Mathematics and Computer Science, vol. 6, Issue 1, (2016), 25-38; ISSN 2247-689X

D. Papers published in the volumes of national and international conferences

1. C. Balăşescu, M. Bunea, <u>A. Popescu</u>, F. Stavrică, *O nouă metodă pentru determinarea unghiului de dezorientare α la monocristale*, Lucrările Simpozionului de fizica cristalelor, Vol.17 (3), (1976), IFA, Bucharest.

2. <u>A. Popescu</u>, *Asupra polilor funcţiilor algebrice cu corpul constantelor oarecare,*
Lucrările Sesiunii Ştiinţifice a Catedrei de Matematică, (1991)**,** Vol.1*,* 51-58, Univ. Tehn. Constr. Bucureşti.

3. A. Popescu, *O generalizare a unei teoreme de valuare,* Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (1995)**,** Vol.2*,* 30-33, Univ. Tehn. Constr. Bucureşti.

4. A. Popescu, *Valuãri pe corpuri de funcţii raţionale în douã variabile*, Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (1997), Vol.3**,** 45-48, Univ. Tehn. Constr. Bucureşti.

5. A. Popescu, *T-topologii pe grupul Galois local absolut,* Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (1999)**,** Vol.4, 38 - 41, Univ.Tehn.Constr.Bucureşti.

6. A. Popescu, *About the ring of continuous functions on the absolute Galois group and some applications,* Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (2001)**,** Vol.5**,** Univ. Tehn. Constr. Bucureşti.

7. A. Popescu, *On the spectral completion of the algebraic numbers field,* Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (2001)**,** Vol.5*,* Univ. Tehn. Constr. Bucureşti.

8. A. Popescu, Gradul de generare in teoria numerelor algebrice, Lucrãrile Sesiunii Ştiinţifice a Catedrei de Matematicã, (2003)**,** Vol.6**,** Univ.Tehn.Constr.Bucureşti.

9. A. Popescu, *On the arithmetical structure of some compact subsets in the complex p-adic field,* The 2-nd World Conference on 21-st Century Math. (2005), 4-6 March, Lahore, SMS-GCU, Keynote Speaker, International program Comitee Member, (2005).

10. A. Popescu, *Orthonormal bases for a class of rings*, LUMS International Conference on Math. And its Applications in Information Technology, Nov. 27-30, Lahore, (2005). International program Comitee Member, (2005).

11. A. Popescu, *Asupra grupului Galois absolut al unui corp numarabil,* Lucrãrile Sesiunii Stiintifice a Catedrei de Matematicã, (2005), Vol. 7, Univ.Tehn. Constr. Bucureşti.

12. A. Popescu, *On the p-adic spectral norms of algebraic numbers,* COMSAT International Conference on Math. And its Applic., Keynote speaker, 20-22 January, Lahore, (2006).

13. A. Popescu, *The Great Idea of Evariste Galois,* History of Mathematics, Teaching of Mathematics and Ethnomathematics Research in the History of Math. and in the Teaching of Math., University of Miskolc (Hungary), May18-21, (2006).

14. S. A. Popescu, *On the piecewise exp-polynomial solutions of an algebraic linear ODE with singularities,* Proc. of the International Conference "Trends and Challenges in Applied Mathematics", June 20-23, TUCB, Bucharest (2007), 303-304

15. A. Popescu, *On the continuous automorphisms of an algebraic extension of valued fields,* The 3-rd World Conference on 21-st Century Math. (2007), 4-7, March, Lahore, SMS-GCU, International program Comitee Member, (2007).

16. S. A. Popescu, *On some metric invariants in p-adic fields,* Proc. of the 4th World Conference on 21st Century Mathematics 2009, Lahore, March 4-8, (2009), 240-246

17. <u>A. Popescu</u>, *On the distinguished sequences over a local field,* The 4-th World Conference on 21-st Century Math. (2009), 6-9 March, Lahore, ASSMS-GCU, International program Comitee Member, (2009).

18. A. Naseem, <u>A. Popescu</u>, *On some subextensions of k((X))/k,* The 4-th World Conference on 21-st Century Math. (2009), 6-9 March, Lahore, ASSMS-GCU.

19. <u>A. Popescu</u>, *On Krasner's lemma in p-adic complex numbers,* Lucrările Sesiunii Stiintifice a Catedrei de Matematică si Informatică, (2009), Vol. 8, Univ.Tehn. Constr. Bucureşti.

20. V. Alexandru, <u>A. Popescu</u>, *v-maximal extensions and Henselian fields,* The 7-th International Congress of Romanian Mathematicians, June 29-July 5, Braşov, (2011).

21. <u>A. Popescu</u>, *A short and elementary proof for the Lagrange Multipliers Method,* Lucrările Sesiunii de Comunicări Stiintifice a Catedrei de Matematică si Informatică, mai (2013), Univ.Tehn. Constr. Bucureşti.

22. <u>A. Popescu</u>, *Some elementary remarks on systems of differential equations with constant coefficients,* Proceedings of Mathematics and Educational Symposium, Department of Mathematics and Computer Sciences, June, (2014), Univ.Tehn. Constr. Bucureşti.

23. <u>A. Popescu</u>, Shift operators on sequences, *Lucrarile Sesiunii de Comunicări Stiintifice a Catedrei de Matematica si Informatica,* mai (2015), Univ.Tehn. Constr. Bucureşti.

24. V. Alexandru, <u>A. Popescu</u>, *On the normal v-extensions of valued fields,* The 8-th International Congress of Romanian Mathematicians, June 25-July 1, Iaşi, (2015).

25. <u>A. Popescu</u>, *An ultrametric topology on the set of all Krull valuations of the entire algebraic number fields*, Proceedings of Mathematics and Educational Symposium, Department of Mathematics and Computer Sciences, June, (2016), Univ.Tehn. Constr. Bucureşti.

26. M. Jianu, <u>A. Popescu</u>, *A successive projection methods for solving linear systems of equations*, Proceedings of Mathematics and Educational Symposium, Department of Mathematics and Computer Sciences, June, (2016), Univ.Tehn. Constr. Bucureşti.

BOOKS

1. <u>A. Popescu</u>, *Curs practic de algebră liniară (Teorie şi metode de rezolvare a problemelor de seminar),* Tipografia UTCB, Bucharest (1993), 203 pag.

2. <u>A. Popescu</u>, M. Goşoniu, *How to solve Problems in Linear Algebra*, Tipografia UTCB (1993), 115 pag.

3. <u>A. Popescu</u> , V. Petrehuş, *Probabilităţi şi Statistică*" (teorie, exemple, probleme), Tipografia UTCB, (1997), 223 pag ; www.civile.utcb.ro/cmat/cursrt/psvp.pdf

4. <u>A. Popescu</u>, *Algebră liniară şi aplicaţii (Linear Algebra with Applications),* Editura Univ. Bucureşti, ISBN 073-575-340-5 (monografie), (1999), 384 pag.; reviewed by Zentralblatt Math. 0958.15001 and MathSciNet.

5.<u>A. Popescu</u>, *Mathematical Analysis I (Differential Calculus)*, Conspress, Bucuresti, (2009), 243 pag; civile.utcb.ro/cmat/cursrt/ma1e.pdf

6. <u>A. Popescu</u>, *Mathematical Analysis II (Integral Calculus)*, Conspress, Bucuresti, (2011), 395 pag; civile.utcb.ro/cmat/cursrt/ma2e.pdf

7. G. Groza, <u>A. Popescu</u>, *Extinderi de corpuri valuate (Extensions of valued fields),* Editura Academiei Române, Bucharest, (2011), 238 pag., Zbl. 1247.12001.

8. <u>A. Popescu</u>, *Differential Calculus for engineers and beginning mathematicians*, LAP Lambert, Academic Publishing, Germany, (2013).

9. <u>A. Popescu</u>, M. Jianu, *A Course in Differential Equations, Calculus of Variations and Probabilities,* Vol. I, Vol. II, Conspress, Bucuresti, (2015), 406 pag. (ambele volume).

PROBLEM BOOKS

1. Colectiv de redactare (pag. 87 – 122, <u>A. Popescu</u>, S. Donescu), *Analiză matematică*, Culegere de probleme, Tipografia Inst. Const.   Bucureşti, (1983).

2. Colectiv de redactare (pag. 39 – 63, <u>A. Popescu),</u> *Culegere de probleme de algebrã, geometrie analiticã, geometrie diferenţialã şi programare liniarã*, Tipografia Inst. Constr. Bucureşti, (1984).

3. Colectiv de redactare (G. Pãltineanu, <u>A. Popescu</u> şi alţii), *Culegere de probleme pentru studenţii participanţi la concursuri de matematicã,* Tipografia Inst. Constr. Bucureşti, (1984), 176 pag.

4. Colectiv de redactare (G. Groza, <u>A. Popescu</u> şi alţii), *Algebrã liniarã, geometrie analiticã şi diferenţialã, Culegere de probleme,* ediţia a II-a, Tipografia Univ.Tehn.Constr.Bucureşti, (1997), pag. 39 – 63.

5. Colectiv de redactare (G. Pãltineanu, <u>A. Popescu</u> şi alţii), *Algebrã şi analiză matematicã, Teste grilã pentru admiterea în învãţãmântul superior*, Tipografia Univ.Tehn. Constr. Bucureşti, (2000), 238 pag.

6. C. Costinescu, <u>A. Popescu</u>, I. Mierlus, *Probleme de Probabilitati si Statistică*, (2004), Conspress, Bucureşti,105 pag.