PERSONAL INFORMATION	**Radu PĂLTĂNEA**
	✉ radu.paltanea@unitbv.ro

POSITION IOSUD UTBv	PhD Coordinator Doctoral studies field: Mathematics Since 2007

EXPERTISE FIELD AND RESEARCH INTEREST AREAS	Approximation Theory Mathematica Analysis

WORK EXPERIENCE

1980-now : Univ. Transilvania din Brașov, B-dul Eroilor, 29 ; Brașov 500036, România ; www.unitbv.ro

Assistent 1980-1991; Lecturer dr. 1991-1996

Associate Prof. dr. 1996-2003; Prof. dr. 2003-present

▪ Activities:
  - Chef Department of Mathematical Analysis and Probabilities 2004-2010
  - educational activities 1980-present

EDUCATION AND TRAINING

1990-1992	PhD student in Mathematics, Univ. "Babeș-Bolyai", Cluj-Napoca
1976-1977	Master student, in Mathematics and Informatics, Univ. of Brașov,
1972-1976	Graduate student in Mathematics and Informatics, Faculty of Sciences, Univ. of Brașov,
1968-1972	High school "Unirea", Brașov

▪

PERSONAL SKILLS

Mother tongue(s)	Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2	A2	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				
French	A2	A2	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills	▪ Good communication skills gained through my didactic experience

Organisational / managerial skills

▪ Experience in the management of the Department of Mathematical Analysis at the Faculty of Mathematics and Computer Science in Brasov
▪ Experience in managing Series III of Bull. Univ. Transilvania, Series III, 2003-present
▪ Coordintor of programs of studies

Job-related skills

▪ Expert ARACIS

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
A2	A2	A2	A2	A2

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Replace with name of ICT-certificates

▪ Good mathematical writing skills in LATEX
▪ Knowledge of editing text on a computer in Word

ADDITIONAL INFORMATION

Publications
▪ 94 scientific papers, 64 indexed in Zentrelblath MATH, 22 indexed in Web of Science
▪ 3 monographs in Mathematics

Conferences
▪ Participation to over 50 scietific conferences in Romania and abroad

Honours and awards
▪ S. Stoilow Prize of the Romanian Academy, 2007

Memberships
▪ Member of SSMR, European Math. Soc, American Math. Soc.

Citations
▪ 79 citations in journals with SRI :0,5, over 140 citations in ISI journals.

H Indexes
▪ HISH = 5; Hscopus index = 5; HGS = 13.
▪ PhD supervisor with 3 certified PhD students

ANNEXES

List of relevant publications / coordinated research

LIST OF RELEVANT PUBLICATIONS /RESEARCH (selection)
Publications indexed Web of Science or ERIH

PhD supervisor PĂLTĂNEA RADU

1. R. Păltănea, M. Smuc, *Sharp Estimates of asymptotic error of approximation by general positive linear operators in terms of the first and the second moduli of continuity,* Results Math., On line 2019, https://link.springer.com/article/10.1007/s00025-019-0997-8

2. C. L. Moldovan, R. Păltănea, *Second degree Schoenberg operators with knots at the roots of Chebyshev polynomials,* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas, On line 2019,   https://link.springer.com/article/10.1007/s13398-019-00644-1

3. U. Abel, O. Agratini, R. Păltănea, *A complete asymptotic expansion for the quasi-interpolants of Gauss-Weierstrass operators,* Mediterr. J. Math., vol. 15 (2018), no. 4, Article number 156.
https://link.springer.com/article/10.1007/s00009-018-1195-8

4. R. Păltănea, *Asymptotic Constant in Approximation of Twice Differentiable Functions by a Class of Positive Linear Operators,* Results Math. vol. 73 (2018), no. 2, Article 64 UNSP.
https://link.springer.com/article/10.1007/s00025-018-0825-6

5. R. Păltănea, M. Talpău Dimitriu *Estimates for weighted K-functionals using the least concave majorant of weighted moduli of continuity*, Numer. Funct. Analysis Optimiz. (2017), vol 38, no. 12, 1589-1600, https://www.tandfonline.com/doi/abs/10.1080/01630563.2017.1349794?journalCode=lnfa20

6. B. Minea, R. Păltănea, *Summation methods applied to Voronovskaya-type theorems for the partial sums of Fourier series and for Fejer operators*, Mathematica Slovaca vol. 66 (2016), no. 1, 235-244 https://www.degruyter.com/view/j/ms.2016.66.issue-1/ms-2015-0131/ms-2015-0131.xml

7. U. Abel, M. Ivan, R. Păltănea *The Durrmeyer variant of an operator defined by D.D. Stancu*, Applied Mathematics and Computation, vol. 259 (2015), 116-123, https://econpapers.repec.org/article/eeeapmaco/v_3a259_3ay_3a2015_3ai_3ac_3ap_3a116-123.htm

8. R. Păltănea, G. Stan, *Voronovskaja theorem for simultaneous approximation by Bernstein operators on a simplex*, Mediterr. J. Math. vol. 12 (2015), no. 3, 889-900 https://link.springer.com/article/10.1007/s00009-014-0448-4

9. R. Păltănea, G. Stan, *Transformation of the second order modulus by positive linear operators*, An. Șt. Univ. Ovidius Constanța, vol. 23 (2015), 237-246. https://content.sciendo.com/abstract/journals/auom/23/1/article-p237.xml

10. U. Abel, M. Ivan, R. Păltănea, *Geometric series of positive linear operators and the inverse Voronovskaya theorem on a compact interval*, J. Approx. Theory, vol. 184 (2014), 163-175. https://www.sciencedirect.com/science/article/pii/S0021904514000951

11. U. Abel, M. Ivan, R. Păltănea, *Geometric series of Bernstein operators revisited*, J. Math. Anal. Appl.}, vol. 400 (2013), no. 1, 22-24.

https://www.sciencedirect.com/science/article/pii/S0022247X12008852

12. R. Păltănea, Gh. Zbăganu, *On the moments of iterated tail*, Mathematical Reports, vol. 13(63) no. 1 (2011), 65-74. http://imar.ro/journals/Mathematical_Reports/Mrc11_1.pdf

13. H. Gonska, R. Păltănea, *Quantitative convergence theorems for a class of Bernstein-Durrmeyer operators preserving linear functions*, Ukrainischi Matematichi Journal, vol. 62 (2010) 913—922. https://link.springer.com/article/10.1007/s11253-010-0413-8

14. H. Gonska, R. Păltănea, *Simultaneous approximation by a class of Bernstein-Durrmeyer operators preserving linear functions*, Czechoslovak Mathematical Journal, vol. 60 (135) (2010), no. 3, 783--799.

15. H. Gonska, R. Păltănea, *General Voronovskaja and asymptotic theorems in simultaneous approximation*, Mediterranean Journal Math. vol. 7 (2010), 37—49. https://link.springer.com/article/10.1007/s10587-010-0049-8

16. R. Păltănea *A second order weighted modulus on a simplex*, Results in Mathematics, vol. 53 (3-4) (2009), 361—369. https://link.springer.com/article/10.1007/s00025-008-0347-8

17. R. Păltănea, *Modified Szasz-Mirakjan operators of integral form*, Carpathian Journal of Mathematics, vol. 24 (3-4) (2008), 378-385. https://www.jstor.org/stable/43998939?seq=1#page_scan_tab_contents

18. H. Gonska, R. Păltănea, *Riesz-type representation for positive linear operators preserving continuity*, Acta Math. Hungarica, vol. 114 (1-2) (2007), 153-163. https://link.springer.com/article/10.1007/s10474-006-0519-5

19. R. Păltănea, *Optimal constant in approximation by Bernstein operators*, Comput. Analysis Appl. vol 5,, no. 2, (2003), 195--235. https://link.springer.com/article/10.1023/A:1022898728718

20. R. Păltănea, *Best constants in estimates with second order moduli of continuity*, in: Approximation Theory, (Proc. Int. Dortmund Meeting on Approximation Theory 1995, ed. by M.W. Muller, M. Felten, D.H. Mache), Akad Verlag, Berlin, serie Mathematica Research vol. 86, ISBN: 3-05-501673-4, (1995). https://scholar.google.com/citations?user=_FDZNqMAAAAJ&hl=en

R. Păltănea, *Approximation Theory Using Positive Linear Operators*, Book, Birkhauser, Boston, (Springer Media), (2004), ISBN: 0-8176-4350-8

Radu Păltănea   20 March 2019