

Curriculum vitae

Numele și prenumele	TRIF TIBERIU-VASILE		
Data nașterii	29.9.1964		
Funcția didactică actuală	Conferențiar universitar		
Instituția la care este titular	Universitatea Babeș-Bolyai Cluj-Napoca		
Adresa de corespondență	Universitatea Babeș-Bolyai, Facultatea de Matematică și Informatică, Str. Kogălniceanu 1, 400084 Cluj-Napoca		
E-mail	ttrif@math.ubbcluj.ro		
Telefon	0744-732614		
Studii	Data absolvirii	Instituția	
Studii universitare	1989	Institutul Politehnic Cluj-Napoca, Facultatea de Electrotehnică, secția Automatizări și Calculatoare	
Studii universitare	1995	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică, secția Matematică	
Studii doctorale	2001	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică	
Cariera didactică – Denumirea funcției didactice	Perioada	Calitatea Titular/asociat	Instituția de învățământ
Preparator universitar	1995-1998	Titular	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică
Asistent universitar	1998-2000	Titular	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică
Lector universitar	2000-2008	Titular	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică
Conferențiar universitar	2008-prezent	Titular	Universitatea Babeș-Bolyai Cluj-Napoca, Facultatea de Matematică și Informatică
Publicații, alte rezultate ale activității didactice și de cercetare științifică			Număr
Cărți, monografii, materiale de studiu			2
Articole în reviste cotate ISI			16
Articole în ISI proceedings			1
Alte articole			48
Participări la conferințe internaționale			3
Participări la conferințe interne			11
Membru în comitete de organizare sau științifice ale unor conferințe			0
Brevete de invenție			0
Alte rezultate (denumirea)			0

Data:

25.6.2013

Semnătura:

1. Domenii de interes științific

Analiză matematică (Funcții reale); Analiză convexă; Ecuații funcționale.

2. Limbi străine cunoscute

Engleză, franceză.

3. Alte diplome și gradații

În anul 2005 am primit din partea Societății de Științe Matematice din România Diploma aniversară "110 ANI DE APARIȚIE NEINTRERUPTĂ A GAZETEI MATEMATICE".

4. Alte funcții deținute

1990-1991: analist programator, Centrul de Informatică Aplicată Cluj-Napoca;

1991-1995: analist programator, Facultatea de Zootehnie și Biotehnologii, Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca.

5. Membru în organizații științifice și profesionale

Din anul 2005 sunt membru al Societății Americane de Matematică.

6. Brevete, invenții, aplicații soft

Nu am.

7. Activitate didactică

În perioada 1995-prezent am predat la Facultatea de Matematică și Informatică, la Facultatea de Fizică și la Facultatea de Geografie următoarele discipline:

- Analiză matematică (1) – curs și seminar, anul I;
- Analiză matematică (2) – curs și seminar, anul I;
- Analiză matematică (3) – seminar, anul II;
- Analiză funcțională (1) – seminar, anul III;
- Funcții convexe – curs și seminar, anii II, III și IV;
- Analiză convexă – seminar, masterat;
- Capitole speciale de analiză funcțională – curs și seminar, masterat.

8. Activități de coordonare științifică și didactică

Am îndrumat studenți în vederea elaborării lucrărilor de licență și dizertație, precum și doi profesori la elaborarea lucrării metodico-științifice pentru obținerea gradului didactic I.

9. Membru în comitete de organizare sau științifice ale unor conferințe internaționale

Nu am fost.

10. Membru în comitete de organizare sau științifice ale unor conferințe naționale

Nu am fost.

11. Membru în comitetul de redacție sau referent la reviste ISI

Am făcut referate pentru lucrări depuse spre publicare la următoarele reviste ISI:

- Journal of Mathematical Analysis and Applications;
- Studia Sci. Math. Hungar;
- Mathematical Inequalities and Applications;
- Journal of Inequalities and Applications;
- Mathematical and Computer Programming;
- Computers and Mathematics with Applications;
- Applied Mathematics Letters;
- Fixed Point Theory;
- Abstract and Applied Analysis.

12. Membru în comitetul de redacție sau referent la reviste BDI

Am făcut referate pentru lucrări depuse spre publicare la următoarele reviste BDI:

- Mathematica;
- Revue d'Analyse Numérique et de la Théorie de l'Approximation;
- Studia Univ. Babeș-Bolyai, Ser. Mathematica;
- Bulletin of the Korean Mathematical Society;
- JIPAM. Journal of Inequalities in Pure and Applied Mathematics.

13. Membru în comitetul de redacție sau referent la reviste naționale

Nu sunt.

14. Editor de volume publicate în edituri internaționale

Nu sunt.

15. Editor de volume publicate în edituri naționale

Nu sunt.

16. Alte activități editoriale

Din anul 2005 sunt referent la Mathematical Reviews, pentru care am făcut 68 de recenzii.

17. Articole publicate în reviste cotate ISI

1. BRECKNER W. W., GÖPFERT A., TRIF T.: Characterization of ultrabarrelledness and barrelledness involving the singularities of families of convex mappings. *Manuscripta Math.* **91**, 17-34 (1996).
2. TRIF T.: Multiple integrals of symmetric functions. *Amer. Math. Monthly* **104**, 606-609 (1997).
3. SÁNDOR J., TRIF T.: A new refinement of the Ky Fan inequality. *Math. Inequal. Appl.* **2**, 529-533 (1999).
4. TRIF T.: Combinatorial sums and series involving inverses of binomial coefficients. *Fibonacci Quart.* **38**, 79-84 (2000).
5. TRIF T.: Hyers-Ulam-Rassias stability of a Jensen type functional equation. *J. Math. Anal. Appl.* **250**, 579-588 (2000).
6. TRIF T.: Hölder continuity of generalized convex set-valued mappings. *J. Math. Anal. Appl.* **255**, 44-57 (2001).
7. GAVREA I., TRIF T.: On Ky Fan's inequality. *Math. Inequal. Appl.* **4**, 223-230 (2001).
8. TRIF T.: On the stability of a general gamma-type functional equation. *Publ. Math. Debrecen* **60**, 47-61 (2002).
9. TRIF T.: On the stability of a functional equation deriving from an inequality of Popoviciu for convex functions. *J. Math. Anal. Appl.* **272**, 604-616 (2002).
10. RASSIAS TH. M., TRIF T.: Log-convex solutions of the second order to the functional equation $f(x+1)=g(x)f(x)$. *J. Math. Anal. Appl.* **331**, 1440-1451 (2007).
11. TRIF T.: Convex solutions of a nonlinear integral equation of Urysohn type. *Fixed Point Theory Appl.* **2009**, Article ID 917614, 13 pp. (electronic) (2009), doi:10.1155/2009/917614.
12. TRIF T.: Convex solutions to polynomial-like iterative equations on open intervals. *Aequationes Math.* **79**, no. 3, 315 - 325 (2010), doi:10.1007/s00010-010-0020-7.
13. TRIF T.: On certain sequences derived from generalized Euler-Mascheroni constants. *J. Math. Inequal.* **5**, 107-116 (2011).
14. TRIF T.: Statistical approximation by Meyer-König and Zeller operators of finite type based on the q -integers. *Math. Comput. Modelling* **55**, 1866-1875 (2012), doi:10.1016/j.mcm.2011.11.042.
15. TRIF T.: Approximation of functions of bounded variation by integrated Meyer-König and Zeller operators of finite type. *Studia Sci. Math. Hungarica* **49**, 254-268 (2012), doi: 10.1556/SScMath.49.2012.2.1204.
16. TRIF T.: Existence of solutions to initial value problems for nonlinear fractional differential equations on the semi-axis. *Fract. Calc. Appl. Anal.* **16**, no. 3, 595-612 (2013), doi: 10.2478/s13540-013-0038-3.

18. Articole publicate în ISI proceedings

1. TRIF T.: Convexity of the gamma function with respect to Hölder means. In *Inequality Theory and Applications*, vol. 3 (Cho Y. J., Kim J. K., and Dragomir S. S. eds.), Nova Science Publishers, New York, 2003, 189-195.

19. Articole publicate în reviste internaționale

1. BRECKNER W. W., TRIF T.: On the singularities of certain families of nonlinear mappings. *Pure Math. Appl.* **6**, 121-137 (1995).
2. TRIF T.: Singularities and equicontinuity of certain families of set-valued mappings. *Comment. Math. Univ. Carolin.* **39**, 353-365 (1998).
3. BRECKNER W. W., TRIF T., VARGA C.: Some applications of the condensation of the singularities of families of nonnegative functions. *Anal. Math.* **25**, 15-32 (1999).
4. TRIF T.: Positive solutions of a nonlinear integral equation from biomathematics. *Demonstratio Math.* **32**, 129-138 (1999).
5. BRECKNER W. W., TRIF T.: Equicontinuity and Hölder equicontinuity of families of generalized convex mappings. *New Zealand J. Math.* **28**, 155-170 (1999).
6. TRIF T.: Some counterexamples in generalized convexity. *Mathematica (Cluj)* **41 (64)**, 121-124 (1999).
7. TRIF T.: Pairs of adjoint sets of Riemann-Stieltjes integrable functions. *Studia Univ. Babeş-Bolyai, Math.* **45**, no. 2, 115-120 (2000).
8. TRIF T.: Meyer-König and Zeller operators based on the q -integers. *Rev. Anal. Numér. Théor. Approx.* **29**, 221-229 (2000).
9. SÁNDOR J., TRIF T.: Some new inequalities for means of two arguments. *Int. J. Math. Math. Sci.* **25**, 525-532 (2001).
10. TRIF T.: On certain inequalities involving the identric mean in n variables. *Studia Univ. Babeş-Bolyai, Math.* **46**, no. 4, 105-114 (2001).
11. TRIF T.: A generalization of the Hyers-Ulam-Rassias stability of the Popoviciu functional equation. *Nonlinear Funct. Anal. Appl.* **7**, 45-54 (2002).
12. TRIF T.: An existence uniqueness theorem for an integral equation modelling infectious diseases. *Studia Univ. Babeş-Bolyai, Math.* **47**, no. 2, 73-81 (2002).
13. TRIF T.: Sharp inequalities involving the symmetric mean. *Math. Notes (Miskolc)* **3**, 157-164 (2002).
14. TRIF T.: On the superstability of certain functional equations. *Demonstratio Math.* **35**, 813-820 (2002).
15. TRIF T.: Hyers-Ulam-Rassias stability of a quadratic functional equation. *Bull. Korean Math. Soc.* **40**, 253-267 (2003).
16. TRIF T.: An elementary proof of the preservation of Lipschitz constants by the Meyer-König and Zeller operators. *JIPAM. J. Inequal. Pure Appl. Math.* **4**, no. 5, Article 90, 3 pp. (electronic) (2003).
17. TRIF T.: On a characterization of L^p -norm by means of equality condition in the Hölder inequality. *Nonlinear Funct. Anal. Appl.* **9**, 325-334 (2004).
18. TRIF T.: Unique solvability of certain nonlinear boundary value problems via a global inversion theorem of Hadamard-Lévy type. *Demonstratio Math.* **38**, 331-340 (2005).
19. TRIF T.: Note on certain inequalities for means in two variables. *JIPAM. J. Inequal. Pure Appl. Math.* **6**, no. 2, Article 43, 5 pp. (electronic) (2005).

20. GAVREA I., TRIF T.: The rate of convergence by certain new Meyer-König and Zeller operators of finite type. *Rend. Circ. Mat. Palermo (2) Suppl.* **76**, 375-394 (2005).
21. TRIF T.: Monotonicity, comparison and Minkowski's inequality for generalized Muirhead means in two variables. *Mathematica (Cluj)* **48 (71)**, no. 1, 99-110 (2006).
22. BRECKNER W. W., TRIF T.: Equicontinuity and singularities of families of monomial mappings. *Studia Univ. Babeş-Bolyai, Math.* **51**, no. 3, 11-30 (2006).
23. TRIF T.: Hyers-Ulam-Rassias stability of a linear functional equation with constant coefficients. *Nonlinear Funct. Anal. Appl.* **11**, 881-889 (2006).
24. TRIF T.: Characterizations of convex functions of a vector variable via Hermite-Hadamard's inequality. *J. Math. Inequal.* **2**, 37-44 (2008).
25. TRIF T.: Asymptotic behavior of intermediate points in certain mean value theorems. *J. Math. Inequal.* **2**, 151-161 (2008).
26. TRIF T.: Asymptotic behavior of intermediate points in certain mean value theorems. II. *Studia Univ. Babeş-Bolyai, Math.* **55**, no. 3, 241 - 247 (2010).
27. FURDUI O., TRIF T.: On the summation of certain iterated series. *J. Integer Seq.* **14**, no. 6, Article 11.6.1, 11 pp. (electronic) (2011).
28. TRIF T.: A Voronovskaja-type formula for the q -Meyer-König and Zeller operators. *Rev. Anal. Numér. Théor. Approx.* **40**, no. 1, 80-89 (2011).
29. TRIF T.: Combinatorial sums and series involving inverses of the Gaussian binomial coefficients. *J. Combin. Number Theory* **3**, no. 3, 47-57 (2011).

20. Articole publicate în volume ale unor conferințe internaționale cu referenți

1. BRECKNER W. W., GÖPFERT A., TRIF T.: Characterizations of barrelled spaces and ultrabarrelled spaces by means of convex mappings. In *Methods of Multicriteria Decision Theory. Proceedings of the 6th Workshop of the DGOR-Working Group, Multicriteria Optimization and Decision Theory - Alexisbad 1996* (Göpfert A. et al. eds.), Hänsel-Hohenhausen, Egelsbach-Fankfurt-Washington, 1997, 13-18.
2. BRECKNER W. W., TRIF T., VARGA C.: Some applications of the condensation of the singularities of families of nonnegative functions (II). In *Approximation and Optimization. Proceedings of the International Conference on Approximation and Optimization - Cluj-Napoca 1996* (Stancu D. D. et al. eds.), Transilvania Press, Cluj-Napoca, 1997, 193-202.

21. Articole publicate în reviste naționale

1. TRIF T.: Asupra unei ecuații funcționale. *Gazeta Matematică (seria A)* **11**, nr. 3, 121-126 (1990).
2. TRIF T.: A sharp inequality for vector norms. *Octogon Math. Mag.* **10**, no. 1, 108-110 (2002).

22. Articole publicate în volume ale unor conferințe naționale

1. TRIF T.: On Popoviciu's inequality. In *Analysis, Functional Equations, Approximation and Convexity. Proceedings of the conference held in honour of Professor Elena Popoviciu on the occasion of her 75th birthday - Cluj-Napoca 1999* (Lupşa L. and Ivan M. eds.), Ed. Carpatica, Cluj-Napoca, 1999, 338-342.

- TRIF T.: Hyers-Ulam stability of the arctangent functional equation. In *Séminaire de la théorie de la meilleure approximation, convexité et optimisation* (Popoviciu E. editor), Ed. SRIMA, Cluj-Napoca, 2000, 339-342.

23. Alte articole

- TRIF T.: On the functional equation $f(x+y+xy)=f(x)+f(y)+f(xy)$. In *Stability of Functional Equations of Ulam-Hyers-Rassias Type* (Czerwik S. editor), Hadronic Press, Palm Harbor, 2003, 161-172. (ISBN 1-57485-057-1)
- TRIF T.: On the stability of the Popoviciu functional equation on bounded domains. In *Stability of Functional Equations of Ulam-Hyers-Rassias Type* (Czerwik S. editor), Hadronic Press, Palm Harbor, 2003, 173-180. (ISBN 1-57485-057-1)
- TRIF T.: Popoviciu's and related functional equations: a survey. In *Inequalities and Applications* (Rassias Th. M. and Andrica D. eds.), Cluj University Press, Cluj-Napoca, 2008, 273-286. (ISBN 978-973-610-793-1)
- FURDEK A., TRIF T.: Probleme de evaluare asimptotică. In *Buletinul Matematic* editat cu ocazia Olimpiadei naționale de matematică, Arad, 1986, 112-118.
- TRIF T.: O inegalitate cu numere complexe. *Gazeta Matematică* **98**, nr. 2-3, 55-56 (1993).
- TRIF T.: In legătură cu o teoremă de teoria numerelor. *Revista Matematică din Timișoara* **1**, nr. 1, 12-14 (1996).
- TRIF T.: Asupra unei probleme de analiză. *Gazeta Matematică* **101**, nr. 2, 77-81 (1996).
- TRIF T.: Asupra convergenței șirului $\sqrt[n]{\frac{n!}{n^n}}$. *Gazeta Matematică* **101**, nr. 7-8, 351-354 (1996).
- TRIF T.: O nouă demonstrație a unei inegalități a lui T. Popoviciu. *Revista Matematică din Timișoara* **1**, nr. 2, 6-9 (1996).
- TRIF R., TRIF T.: Funcția Beta și calculul unor sume combinatorice. *Lucr. Sem. Did. Mat.* **14**, 271-276 (1998).
- TRIF R., TRIF T.: Asupra problemei O:840 din *Gazeta Matematică* nr. 1/1997. *Lucr. Sem. Did. Mat.* **16**, 213-218 (2000).
- TRIF T.: Asupra unei probleme de la faza județeană a olimpiadei de matematică 2001. *Gazeta Matematică* **106**, nr. 11, 394-396 (2001).
- TRIF T.: Asupra unor inegalități omogene simetrice. *Lucr. Sem. Did. Mat.* **18**, 191-196 (2001).

24. Alte prezentări la conferințe

Nu am prezentat.

25. Cărți publicate în edituri internaționale

Nu am publicat.

26. Cărți publicate în edituri naționale acreditate

- BRECKNER W. W., TRIF T.: *Convex Functions and Related Functional Equations. Selected Topics*. Presa Universitară Clujeană (Cluj University Press), Cluj-Napoca, 2008, ISBN 978-973-610-717-7, xiv+388 pagini.

27. Manuale și alte publicații de aceeași natură

- TRIF T.: *Probleme de calcul diferențial și integral în \mathbf{R}^n* . Casa Cărții de Știință, Cluj-Napoca, 2003, ISBN 973-686-373-5, 319 pagini.

28. Citări ale articolelor proprii

Lucrarea TRIF T.: *Probleme de calcul diferențial și integral în \mathbf{R}^n* . Casa Cărții de Știință, Cluj-Napoca, 2003, ISBN 973-686-373-5, 319 pagini a fost citată în

- LUPȘA L., BLAGA L.: *Analiză matematică. Note de curs 1*. Ed. Mega, Presa Universitară clujeană, Cluj-Napoca, 2003.
- INOAN D. I.: *Elemente de calcul integral*. U. T. Press, Cluj-Napoca, 2006.

Lucrarea BRECKNER W. W., TRIF T.: *Convex Functions and Related Functional Equations. Selected Topics*. Presa Universitară Clujeană (Cluj University Press), Cluj-Napoca, 2008, ISBN 978-973-610-717-7, xiv+388 pagini a fost citată în

- RUS I. A.: Remarks on Ulam stability of the operatorial equations. *Fixed Point Theory* **10**, no. 2, 305-320 (2009).
- RUS I. A.: Ulam stability of ordinary differential equations. *Studia Univ. Babeș-Bolyai, Math.* **54**, no. 4, 125 - 133 (2009).
- RUS I. A.: Ulam stability of the operatorial equations. *Functional Equations in Mathematical Analysis* (Rassias Th. M. and Brzdek J. eds), Springer Optimization and Its Applications, 2012, Volume 52, Part 1, 287-305, doi: 10.1007/978-1-4614-0055-4-23.

Lucrarea BRECKNER W. W., TRIF T.: On the singularities of certain families of nonlinear mappings. *Pure Math. Appl.* **6**, 121-137 (1995) a fost citată în

- HORMOZI M., LEDARI A. A., PRUS-WISNIOWSKI F.: On p - Λ -bounded variation. *Bull. Iranian Math. Soc.* **37**, no. 4, 35-49 (2011).

Lucrarea BRECKNER W. W., GÖPFERT A., TRIF T.: Characterization of ultrabarrelledness and barrelledness involving the singularities of families of convex mappings. *Manuscripta Math.* **91**, 17-34 (1996) a fost citată în

- COBZAȘ Ș.: Lipschitz properties for families of convex mappings. *Inequality Theory and Applications*, vol. 1 (Cho Y. J., Kim J. K., and Dragomir S. S. eds.), Nova Science Publishers, New York, 2001, 103-112.

Lucrarea TRIF T.: Multiple integrals of symmetric functions. *Amer. Math. Monthly* **104**, 606-609 (1997) a fost citată în

- ZHANG X. M.: Optimization of Schur-convex functions. *Math. Inequal. Appl.* **1**, no. 3, 319-330 (1998).

Lucrarea BRECKNER W. W., TRIF T., VARGA C.: Some applications of the condensation of the singularities of families of nonnegative functions (II). In *Approximation and Optimization. Proceedings of the International Conference on Approximation and Optimization - Cluj-Napoca 1996* (Stancu D. D. et al. eds.), Transilvania Press, Cluj-Napoca, 1997, 193-202 a fost citată în

- MITREA A. I.: *Convergence and Superdense Unbounded Divergence in Approximation Theory*. Transilvania Press, Cluj-Napoca, 1998.

Lucrarea BRECKNER W. W., TRIF T., VARGA C.: Some applications of the condensation of the singularities of families of nonnegative functions. *Anal. Math.* **25**, 15-32 (1999) a fost citată în

- HORMOZI M., LEDARI A.A., PRUS-WISNIOWSKI F.: On p - Λ -bounded variation. *Bull. Iranian Math. Soc.* **37**, no. 4, 35-49 (2011).

Lucrarea TRIF T.: Positive solutions of a nonlinear integral equation from biomathematics. *Demonstratio Math.* **32**, 129-138 (1999) a fost citată în

- PRECUP R.: *Methods in Nonlinear Integral Equations*. Kluwer Academic Publishers, Dordrecht-Boston-London, 2002.
- DOBRIȚOIU M. A., DOBRIȚOIU A. M.: An approximating algorithm for the solution of an integral equation from epidemics. *Ann. Univ. Ferrara* **56**, 237 - 248 (2010), doi: 10.1007/s11565-010-0109-x.

Lucrarea SÁNDOR J., TRIF T.: A new refinement of the Ky Fan inequality. *Math. Inequal. Appl.* **2**, 529-533 (1999) a fost citată în

- OLKIN I.: Refinements of inequalities for symmetric functions. *Probability and Statistical Models with Applications* (Charalambides Ch. A., Koutras M. V., and Balakrishnan N. eds.), Chapman & Hall / CRC, Boca Raton, Florida, 2001, 247-252.
- FLOREA A., NICULESCU C. P.: A note on the Ky Fan inequality. *An. Univ. Craiova Ser. Mat. Inform.* **29**, 47-51 (2002).
- BULLEN P. S.: *Handbook of Means and Their Inequalities*. Kluwer, 2003.
- NEUMAN E., PEARCE C. E. M., PEČARIĆ J., ŠIMIĆ V.: The generalized Hadamard inequality, g -convexity and functional Stolarsky means. *Bull. Austral. Math. Soc.* **68**, 303-316 (2003).
- ROOIN J.: On Ky Fan's inequality and its additive analogues. *Math. Inequal. Appl.* **6**, no. 4, 595-604 (2003).
- GUAN K.-Z.: Some inequalities for a class of generalized means. *JIPAM. J. Inequal. Pure Appl. Math.* **5**, no. 3, Article 69, 9 pp. (electronic) (2004).
- RICHARDS K. C., TIEDEMAN H. C.: A note on weighted identric and logarithmic means. *JIPAM. J. Inequal. Pure Appl. Math.* **7**, no. 5, Article 157, 5 pp. (electronic) (2006).
- WANG W.-L.: The counterpart of Fan's inequality and its related results. *JIPAM. J. Inequal. Pure Appl. Math.* **9**, no. 4, Article 109, 8 pp. (electronic) (2008).

- NIEZGODA M.: Majorization and relative concavity. *Linear Algebra Appl.* **434**, 1968-1980 (2011), doi:10.1016/j.laa.2010.11.044.
- <http://de.wikipedia.org/wiki/Ky-Fan-Ungleichung>
- <http://de.powerpedia.com/pedia/Ky-Fan-Ungleichung>

Lucrarea BRECKNER W. W., TRIF T.: Equicontinuity and Hölder equicontinuity of families of generalized convex mappings. *New Zealand J. Math.* **28**, 155-170 (1999) a fost citată în

- COBZAȘ Ș.: Lipschitz properties for families of convex mappings. *Inequality Theory and Applications*, vol. 1 (Cho Y. J., Kim J. K., and Dragomir S. S. eds.), Nova Science Publishers, New York, 2001, 103-112.

Lucrarea TRIF T.: Combinatorial sums and series involving inverses of binomial coefficients. *Fibonacci Quart.* **38**, 79-84 (2000) a fost citată în

- MANSOUR T.: Combinatorial identities and inverse binomial coefficients. *Adv. Appl. Math.* **28**, no. 2, 196-202 (2002).
- SURY B., WANG T., ZHAO F.-Z.: Identities involving reciprocals of binomial coefficients. *J. Integer Seq.* **7**, no. 2, Article 04.2.8, 12 pp. (electronic) (2004).
- ZHAO F.-Z., WANG T.: Some results for sums of the inverses of binomial coefficients. *Integers* **5**, no. 1, A22, 5 pp. (electronic) (2005).
- SOFO A.: General properties involving reciprocals of binomial coefficients. *J. Integer Seq.* **9**, no. 4, Article 06.4.5, 13 pp. (electronic) (2006).
- SOFO A.: Integral representations of ratios of binomial coefficients. *Int. J. Pure Appl. Math.* **31**, 29-46 (2006).
- SPRUGNOLI B.: Sums of reciprocals of the central binomial coefficients. *Integers* **6**, A27, 18 pp. (electronic) (2006).
- YANG J.-H., ZHAO F.-Z.: Sums involving the inverses of binomial coefficients. *J. Integer Seq.* **9**, no. 4, Article 06.4.2, 11 pp. (electronic) (2006).
- YANG J.-H., ZHAO F.-Z.: Certain sums involving inverses of binomial coefficients and some integrals. *J. Integer Seq.* **10**, no. 8, Article 07.8.7, 11 pp. (electronic) (2007).
- ZHANG Z., SONG H.: A generalization of an identity involving the inverses of binomial coefficients. *Tamkang J. Math.* **39**, no. 3, 219-226 (2008).
- FENG C.-J., ZHAO F.-Z.: Some results for generalized harmonic numbers. *Integers* **9**, A46, 605-619 (2009).
- CHEN H.: On the summation of subseries in closed form. *Internat. J. Math. Ed. Sci. Tech.* **4**, 538-547 (2010), doi: 10.1080/00207390903477475.
- SOFO A.: Identities and estimates involving reciprocals of binomial coefficients. *Advances in Inequalities for Series*, (Dragomir S. S. and Sofo A. eds.), 2010, 229-249.
- YANG J.-H., ZHAO F.-Z.: The asymptotic expansions of certain sums involving inverse of binomial coefficient. *Int. Math. Forum* **5**, no. 16, 761-768 (2010).
- ZHAO C.-X., ZHAO F.-Z.: Asymptotic expansions of certain sums involving powers of binomial coefficients. *J. Integer Seq.* **13**, no. 4, Article 10.4.1, 13 pp. (electronic) (2010).

- ZHAO F.-Z., WUYUNGAOWA: Some identities for Leibniz numbers. *Ars Combin.* **97**, 225-239 (2010).
- BELBACHIR H., RAHMANI M., SURY B.: Sums involving moments of reciprocals of binomial coefficients. *J. Integer Seq.* **14**, no. 6, Article 11.6.6, 16 pp. (electronic) (2011).
- CHEON G.-S., MANSOUR T.: Rational combinations for the sums involving inverse binomial coefficients. *Appl. Math. Comput.* **218**, no. 6, 2641-2646 (2011), doi: 10.1016/j.amc.2011.08.003.
- GENČEV M.: Binomial sums involving Harmonic numbers. *Math. Slovaca* **61**, no. 2, 215-226 (2011), doi: 10.2478/s12175-011-0006-5.
- BELBACHIR H., RAHMANI M., SURY B.: Alternating sums of the reciprocals of binomial coefficients. *J. Integer Seq.* **15**, no. 2, Article 12.2.8, 16 pp. (electronic) (2012).
- ZHAO F.-Z., WUYUNGAOWA: Some results on a class of generalized harmonic numbers. *Utilitas Math.* **87**, 65-78 (2012).

Lucrarea TRIF T.: Hyers-Ulam-Rassias stability of a Jensen type functional equation. *J. Math. Anal. Appl.* **250**, 579-588 (2000) a fost citată în

- CZERWIK S.: *Functional Equations and Inequalities in Several Variables*. World Scientific, New Jersey-London-Singapore-Hong Kong, 2002.
- LEE E. H., LEE Y. W., PARK S. H.: Stability of a Jensen functional equation with three variables. *Korean J. Comput. Appl. Math. (series A)* **10**, 283-295 (2002).
- LEE S. H.: Stability of a quadratic Jensen type functional equation. *Korean J. Comput. Appl. Math. (series A)* **9**, 389-399 (2002).
- LEE S. H., LEE Y. W.: Stability of a generalized Popoviciu functional equation. *Nonlinear Funct. Anal. Appl.* **7**, 413-428 (2002).
- LEE Y. W.: On the stability of a quadratic Jensen type functional equation. *J. Math. Anal. Appl.* **270**, 590-601 (2002).
- FORTI G.-L., PAGANONI L.: Works on functional equations and inequalities in several variables. *XX. Aequationes Math.* **65**, 165-200 (2003).
- JUN K.-W., BAE J.-H., PARK W.-G.: Partitioned functional inequalities in Banach modules and approximate algebra homomorphisms. *Math. Inequal. Appl.* **6**, no. 4, 715-726 (2003).
- JUNG Y.-S., BAE J.-H.: Hyers-Ulam-Rassias stability of Popoviciu's functional equation in Banach modules. *Kyungpook Math. J.* **43**, 481-487 (2003).
- LEE S. H., JUN K.-W.: Hyers-Ulam-Rassias stability of a quadratic type functional equation. *Bull. Korean Math. Soc.* **40**, 183-193 (2003).
- PARK C.-G.: Generalized Popoviciu functional equations in Banach modules over a C^* -algebra and approximate algebra homomorphisms. *New Zealand J. Math.* **32**, 183-193 (2003).
- PARK C.-G.: On approximate algebra homomorphisms. *Functional Equations, Inequalities and Applications* (Rassias Th. M. editor), Kluwer Acad. Publ., Dordrecht, 2003, 91-104.
- SMAJDOR W.: Note on a Jensen type functional equation. *Publ. Math. Debrecen* **63**, 703-714 (2003).

- WANG J.: The additive approximation on a four-variate Jensen-type operator equation. *Int. J. Math. Math. Sci.* **50**, 3171-3187 (2003).
- LI L., CHUNG J., KIM D.: Stability of Jensen equation in the space of generalized functions. *J. Math. Anal. Appl.* **299**, 578-586 (2004).
- CHUNG J.: Hyers-Ulam stability theorems for Pexider equations in the space of Schwartz distributions. *Arch. Math. (Basel)* **84**, 527-537 (2005).
- LEE Y. W.: Stability of a generalized quadratic functional equation with Jensen type. *Bull. Korean Math. Soc.* **42**, 57-73 (2005).
- JUN K.-W., KIM H.-M.: Stability problem for Jensen-type functional equations of cubic mappings. *Acta Math. Sin. (Engl. Ser.)* **22**, 1781-1788 (2006).
- KIM J.-H., CHUNG Y.-S., CHUNG S.-Y.: Stability of a Jensen type equation in the space of generalized functions. *J. Math. Anal. Appl.* **321**, 114-123 (2006).
- LEE Y.-S., CHUNG S.-Y.: Stability of a quadratic Jensen type functional equation in the spaces of generalized functions. *J. Math. Anal. Appl.* **324**, 1395-1406 (2006).
- SHULMAN E.: Addition theorems and representations of topological semigroups. *J. Math. Anal. Appl.* **316**, 9-15 (2006).
- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).
- LEE Y.-S., CHUNG S.-Y.: Stability of a Jensen type functional equation. *Banach J. Math. Anal.* **1**, 91-100 (2007).
- SMAJDOR W.: On a Jensen type functional equation. *J. Appl. Anal.* **13**, no. 1, 19-31 (2007).
- CADARIU L., RADU V.: The fixed point method to stability properties of a functional equation of Jensen type. *An. Ştiinţ. Univ. Al. I. Cuza Iaşi Mat. (N.S.)* **54**, no. 2, 307-318 (2008).
- ZHANG D., WANG J.: On the Hyers-Ulam-Rassias stability of Jensen's equation. *Bull. Korean Math. Soc.* **46**, 645-656 (2009).
- BRZDEK J.: A note on stability of the Popoviciu functional equation on restricted domain. *Demonstratio Math.* **43**, 635-641 (2010).
- CHUDZIAK M.: On a generalization of the Popoviciu equation on groups. *Ann. Acad. Pedagog. Crac. Stud. Math.* **9**, 49 - 53 (2010).
- SHULMAN E.: Decomposable functions and representations of topological semigroups. *Aequationes Math.* **79**, 13 - 21 (2010), doi: 10.1007/s00010-010-0005-6.
- BOO D.-H., KENARY H. A., PARK C.: Functional equations in Banach modules and approximate algebra homomorphisms in Banach algebras. *Korean J. Math.* **19**, 33-52 (2011).
- CHUDZIAK M.: Stability of the Popoviciu type functional equations on groups. *Opuscula Math.* **31**, 317-325 (2011).
- ESHAGHI GORDJI M., RAMEZANI M.: Approximate inner products on Hilbert C^* -modules; a fixed point approach. *Operators and Matrices* **6**, 757-766 (2012), doi: 10.7153/oam-06-49.
- CHUDZIAK M.: Popoviciu type functional equations on groups. *Functional Equations in Mathematical Analysis* (Rassias Th. M. and Brzdek J. Eds), Springer Optimization and Its Applications, 2012, Volume 52, Part 2, 417--426, doi: 10.1007/978-1-4614-0055-4-23.

Lucrarea TRIF T.: Meyer-König and Zeller operators based on the q -integers. *Rev. Anal. Numér. Théor. Approx.* **29**, 221-229 (2000) a fost citată în

- ALTIN A., DOĞRU O., ÖZARSLAN M. A.: Rates of convergence of Meyer-König and Zeller operators based on q -integers. *WSEAS Trans. Math.* **4**, no. 4, 313-318 (2005).
- OSTROVSKA S.: On the q -Bernstein polynomials. *Adv. Stud. Contemp. Math. (Kyungshang)* **11**, no. 2, 193-204 (2005).
- WANG H.: Korovkin-type theorem and application. *J. Approx. Theory* **132**, 258-264 (2005).
- DOĞRU O., DUMAN O.: Statistical approximation of Meyer-König and Zeller operators based on q -integers. *Publ. Math. Debrecen* **68**, 199-214 (2006).
- DOĞRU O., GUPTA V.: Korovkin-type approximation properties of bivariate q -Meyer-König and Zeller operators. *Calcolo* **43**, 51-63 (2006).
- OSTROVSKA S.: On the improvement of analytic properties under the limit q -Bernstein operator. *J. Approx. Theory* **138**, 37-53 (2006).
- ARAL A., DOĞRU O.: Bleimann, Butzer, and Hahn operators based on the q -integers. *J. Inequal. Appl.* **2007**, Article ID 79410, 12 pp. (electronic) (2007).
- OSTROVSKA S.: Positive linear operators generated by analytic functions. *Proc. Indian Acad. Sci. (Math. Sci.)* **117**, 485-493 (2007).
- ÖZARSLAN M. A.: q -Laquerre type linear positive operators. *Studia Sci. Math. Hungar.* **44**, 65-80 (2007).
- WANG H.: Properties of convergence for the q -Meyer-König and Zeller operators. *J. Math. Anal. Appl.* **335**, 1360-1373 (2007).
- MAHMUDOV N. I., SABANCIGIL P.: q -Parametric Bleimann Butzer and Hahn operators. *J. Inequal. Appl.* **2008**, Article ID 816367, 15 pp. (electronic) (2008).
- DOGRU O., ORKCU M.: King type modification of Meyer-König and Zeller operators based on the q -integers. *Math. Comput. Modelling* **50**, 1245-1251 (2009).
- GOVIL N. K., GUPTA V.: Convergence of q -Meyer-König-Zeller-Durrmeyer operators. *Adv. Stud. Contemp. Math. (Kyungshang)* **19**, 97-108 (2009).
- GUPTA V., RADU C.: Statistical approximation properties of q -Baskakov-Kantorovich operators. *Cent. Eur. J. Math.* **7**, 809-818 (2009).
- MAHMUDOV N. I.: Korovkin-type theorems and applications. *Cent. Eur. J. Math.* **7**, 348-356 (2009).
- OSTROVSKA S.: The unicity theorems for the limit q -Bernstein operator. *Applicable Anal.* **68**, no. 2, 161-167 (2009).
- ÖZARSLAN M. A., DUMAN O.: Approximation theorems by Meyer-König and Zeller type operators. *Chaos, Solitons and Fractals* **41**, 451-456 (2009).
- RADU C.: On statistical approximation of a general class of positive linear operators extended in q -calculus. *Appl. Math. Comput.* **215**, 2317-2325 (2009).
- SHARMA H.: Properties of q -Meyer-König-Zeller Durrmeyer operators. *JIPAM. J. Inequal. Pure Appl. Math.* **10**, no. 4, Article 105, 10 pp. (electronic) (2009).

- AGRATINI O.: On a q -analogue of Stancu operators. *Cent. Eur. J. Math.* **8**, 191-198 (2010).
- AGRATINI O., DOĞRU O.: Weighted approximation by q -Szász-King type operators. *Taiwanese J. Math.* **14**, no. 4, 1283-1296 (2010).
- DALMANOĞLU O., DOĞRU O.: Statistical approximation properties of Kantorovich type q -MKZ operators. *Creative Math. Inf.* **19**, no. 1, 15-24 (2010).
- GUPTA V., SHARMA H.: Statistical approximation by q -integrated Meyer-König-Zeller-Kantorovich operators. *Creative Math. Inf.* **19**, no. 1, 45 - 52 (2010).
- MAHMUDOV N. I.: On q -parametric Szász-Mirakjan operators. *Mediterr. J. Math.* **7**, 297 - 311 (2010), doi: 10.1007/s00009-010-0037-0.
- MAHMUDOV N. I.: Statistical approximation of Baskakov and Baskakov-Kantorovich operators based on the q -integers. *Cent. Eur. J. Math.* **8**, 816 - 826 (2010), doi: 10.2478/s11533-010-0040-5.
- MAHMUDOV N. I., KAFFAĞLU H.: On q -Szász-Durrmeyer operators. *Cent. Eur. J. Math.* **8**, 399 - 409 (2010), doi: 10.2478/s11533-010-0016-5.
- AKTUĞLU H., ÖZARSLAN M. A., DUMAN O.: Matrix summability methods on the approximation of multivariate q -MKZ operators. *Bull. Malays. Math. Sci. Soc. (2)* **34**, no. 3, 465-474, (2011).
- FINTA Z.: Approximation by q -parametric operators. *Publ. Math. Debrecen* **78**, 543-556 (2011), doi: 10.5486/PMD.2011.4733.
- MAHMUDOV N. I., ÖZARSLAN M. A., SABANCIGIL P.: I -Approximation properties of certain class of linear positive operators. *Studia Sci. Math. Hungarica* **48**, no. 2, 205-219 (2011), doi: 10.1556/SScMath.48.2011.2.1166.
- MURARU C.-V.: Note on q -Bernstein-Schurer operators. *Stud. Univ. Babeş-Bolyai Math.* **56**, no. 2, 489-495 (2011).
- ÖZARSLAN M. A.: q -Szász Schurer operators. *Miskolc Math. Notes* **12**, no. 2, 225-235 (2011).
- ERENCIN A., INCE H. G., OLGUN A.: A class of linear positive operators in weighted spaces. *Math. Slovaca* **62**, no. 1, 63-76 (2012), doi: 10.2478/s12175-011-0072-8.

Lucrarea TRIF T.: Hölder continuity of generalized convex set-valued mappings. *J. Math. Anal. Appl.* **255**, 44-57 (2001) a fost citată în

- CHALCO-CANO Y., ROJAS-MEDAR M. A., OSUNA-GOMEZ R.: s -Convex fuzzy processes. *Comp. Math. Appl.* **47**, 1411-1418 (2004).
- CERVELATI J., JIMENEZ-GAMERO M. D., VILCA-LABRA F., ROJAS-MEDAR M. A.: Continuity for s -convex fuzzy processes. *Soft Methodology and Random Information Systems* (López-Díaz M., Gil M. A., Grzegorzewski P., Hryniewicz O., Lawry J. eds), Springer, Berlin-Heidelberg-New York, 2004, 653-660.
- GUSEINOV KH. G., DUZCE S. A., OZER O.: Convex extensions of the convex set valued maps. *J. Math. Anal. Appl.* **314**, 672-688 (2006).
- BRECKNER W. W.: *Rational s -Convexity. A Generalized Jensen-Convexity*. Presa Universitară Clujeană, Cluj-Napoca, 2011.

Lucrarea SÁNDOR J., TRIF T.: Some new inequalities for means of two arguments. *Int. J. Math. Math. Sci.* **25**, 525-532 (2001) a fost citată în

- ALZER H., QIU S.-L.: Inequalities for means in two variables. *Arch. Math. (Basel)* **80**, 201-215 (2003).
- KOUBA O.: New bounds for the identric mean of two arguments. *JIPAM. J. Inequal. Pure Appl. Math.* **9**, no. 3, Article 71, 6 pp. (electronic) (2008).
- ZHU L.: Some new inequalities for means in two variables. *Math. Inequal. Appl.* **11**, no. 3, 443-448 (2008).
- DU H.: Some inequalities for bivariate means. *Commun. Korean Math. Soc.* **24**, 553-559 (2009).
- CHU Y.-M., XIA W.-F.: Two optimal double inequalities between power mean and logarithmic mean. *Comput. Math. Appl.* **60**, 83 - 89 (2010), doi: 10.1016/j.camwa.2010.04.032.
- INOAN D., RAŞA I.: Inequalities for special means. *Ann. Tiberiu Popoviciu Semin. Funct. Equ. Approx. Convexity* **8**, 39-43 (2010).
- CHU Y.-M., HOU S.-W., GONG W.-M.: Inequalities between logarithmic, harmonic, arithmetic and centroidal means. *J. Math. Anal.* **2**, no. 2, 1-5 (2011).
- QIU Y.-F., WANG M.-K., CHU Y.-M., WANG G.-D.: Two sharp inequalities for Lehmer mean, identric mean and logarithmic mean. *J. Math. Inequal* **3**, 301-306 (2011).
- WU S., DEBNATH L.: Inequalities for differences of power means in two variables. *Analysis Math.* **37**, no. 2, 151-159 (2011), doi: 10.1007/s10476-011-0203-z.
- QIAN W.-M., SHEN Z.-H.: Inequalities between power means and convex combinations of the harmonic and logarithmic means. *J. Appl. Math.* **2012**, Article ID 471096, 14 pp. (electronic) (2012), doi:10.1155/2012/471096.
- YANG Z.-H.: The log-convexity of another class of one-parameter means and its applications. *Bull. Korean Math. Soc.* **49**, no. 1, 33-47 (2012), doi:10.4134/BKMS.2012.49.1.033.
- YANG Z.-H.: New sharp bounds for identric mean in terms of logarithmic mean and arithmetic mean. *J. Math. Inequal.* **6**, 533-543 (2012), doi: 10.7153/jmi-06-51.

Lucrarea GAVREA I., TRIF T.: On Ky Fan's inequality. *Math. Inequal. Appl.* **4**, 223-230 (2001)
a fost citată în

- ROOIN J.: On Ky Fan's inequality and its additive analogues. *Math. Inequal. Appl.* **6**, no. 4, 595-604 (2003).
- NEUMAN E., SÁNDOR J.: On the Ky Fan inequality and related inequalities. II. *Bull. Austral. Math. Soc.* **72**, 87-107 (2005).
- GUAN K., ZHU H.: The generalized Heronian mean and its inequalities. *Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat.* **17**, 60-75 (2006).
- ZHANG G. S., PARASHAR M.: SESAME: Scalable, environment sensitive access management engine. *Cluster Computing – The Journal of Networks Software Tools and Applications* **9**, no. 1, 19-27 (2006).
- GUAN K.: On some inequalities of Ky Fan type related to a new mean. *Southeast Asian Bull. Math.* **34**, 79-89 (2010).
- NIEZGODA M.: Majorization and relative concavity. *Linear Algebra Appl.* **434**, 1968-1980 (2011), doi:10.1016/j.laa.2010.11.044.

Lucrarea TRIF T.: On certain inequalities involving the identric mean in n variables. *Studia Univ. Babeş-Bolyai, Math.* **46**, no. 4, 105-114 (2001) a fost citată în

- SHI M.-Y., CHU Y.-M., JIANG Y.-P.: Optimal inequalities related to the power, harmonic and identric means. *Acta Math. Scientia* **31**, no. 5, 1377-1384 (2011).
- WANG M.-K., WANG Z.-K., CHU Y.-M.: An optimal double inequality between geometric and identric means. *Appl. Math. Lett.* **25**, no. 3, 471-475 (2012).

Lucrarea TRIF T.: On the stability of a general gamma-type functional equation. *Publ. Math. Debrecen* **60**, 47-61 (2002) a fost citată în

- AGARWAL R., XU B., ZHANG W.: Stability of functional equations in single variable. *J. Math. Anal. Appl.* **288**, 852-869 (2003).
- FORTI G.-L.: Comments on the core of the direct method for proving Hyers-Ulam stability of functional equations. *J. Math. Anal. Appl.* **295**, 127-133 (2004).
- KIM G. H.: On the Hyers-Ulam-Rassias stability of functional equations in n -variables. *J. Math. Anal. Appl.* **299**, 375-391 (2004).
- LEE Y. W., CHOI B. M.: The stability of Cauchy's gamma-beta functional equation. *J. Math. Anal. Appl.* **299**, 305-313 (2004).
- LEE Y. W., CHOI B. M.: Stability of a beta-type functional equation with a restricted domain. *Commun. Korean Math. Soc.* **19**, 701-713 (2004).
- KIM G. H.: On the stability of functional equations in n variables and its applications. *Commun. Korean Math. Soc.* **20**, 321-338 (2005).
- LEE Y. W., CHOI B. M.: Stability of an incomplete gamma-type functional equation. *Math. Inequal. Appl.* **8**, no. 3, 477-486 (2005).
- POPA D.: Hyers-Ulam-Rassias stability of a linear recurrence. *J. Math. Anal. Appl.* **309**, 591-597 (2005).
- POPA D.: Hyers-Ulam stability of the linear recurrence with constant coefficients. *Adv. Difference Equ.* **2005**, 101-107 (2005).
- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).
- WANG Z., CHEN X., XU B.: Generalization of functional equation for the square root spiral. *Appl. Math. Comp.* **182**, no. 2, 1355-1360 (2006).
- CHANG I.-S., JUNG Y.-S.: Stability for the functional equation of cubic type. *J. Math. Anal. Appl.* **334** (2007), 85-96.
- XU M.: Hyers-Ulam-Rassias stability of a system of first order linear recurrences. *Bull. Korean Math. Soc.* **44**, 841-849 (2007).
- BRZDEK J., PIETRZYK A.: A note on the stability of the general linear equation. *Aequationes Math.* **75**, 267-270 (2008).
- BRZDEK J., POPA D., XU B.: Hyers-Ulam stability for linear equations of higher order. *Acta Math. Hungarica* **120**, 1-8 (2008).
- CADARIU L., RADU V.: Fixed point methods for the generalized stability of functional equations in a single variable. *Fixed Point Theory Appl.* **2008**, Article ID 749392, 15 pp. (electronic) (2008).
- LEE Y.-S., CHUNG S.-Y.: The stability of a general quadratic functional equation in distributions. *Publ. Math. Debrecen* **74**, 293-306 (2009).

- BRZDEK J., POPA D., XU B.: On nonstability of the linear recurrence of order one. *J. Math. Anal. Appl.* **367**, 146 - 153 (2010).
- BRZDEK J., POPA D., XU B.: Remarks on stability of linear recurrence of higher order. *Appl. Math. Letters* **23**, 1459 - 1463 (2010) doi: 10.1016/j.aml.2010.08.010.
- BADORA R., BRZDEK J.: A note on a fixed point theorem and the Hyers-Ulam stability. *J. Difference Equations Appl.* **18**, 1115-1119 (2011), doi: 10.1080/10236198.2011.559165.
- BRZDEK J., CHUDZIAK J., P\ ALES ZS.: A fixed point approach to stability of functional equations. *Nonlinear Anal.* **74**, 6728-6732 (2011), doi: 10.1016/j.na.2011.06.052.
- BRZDEK J., CIEPLINSKI K.: A fixed point approach to the stability of functional equations in non-Archimedean metric spaces. *Nonlinear Anal.* **74**, 6861-6867 (2011), doi: 10.1016/j.na.2011.06.050.
- BRZDEK J., POPA D., XU B.: Selections of set-valued maps satisfying a linear inclusion in a single variable. *Nonlinear Anal.* **74**, 324-330 (2011).
- BRZDEK J., POPA D., XU B.: On approximate solutions of the linear functional equation of higher order. *J. Math. Anal. Appl.* **373**, 680-689 (2011).
- BRZDEK J., POPA D., XU B.: Note on nonstability of the linear functional equation of higher order. *Comp. Math. Appl.* **62**, 2648-2657 (2011), doi: 10.1016/j.camwa.2011.08.007.
- LEE Y.-S.: Stability in generalized functions. *Abstract Appl. Anal.* **2011**, Article ID 502903, 15 pp. (electronic) (2011), doi:10.1155/2011/502903.
- BRZDEK J., POPA D., XU B.: Remarks on stability of the linear functional equation in single variable. *Nonlinear Analysis (P. M. Pandalos et al. eds.)*, Springer Optimization and Its Applications **68**, 91-119 (2012), doi: 10.1007/978-1-4614-3498-6-7.
- CADARIU L., GAVRUȚA L., GAVRUȚA P.: Weighted space method for the stability of some nonlinear equations. *Appl. Anal. Discrete Math.* **6**, 126-139 (2012), doi: 10.2298/AADM120309007C.
- WANG Z., SHI Y.-G.: Stability of generalized Newton difference equations. *An. St. Univ. Ovidius Constanta* **20**, 459-466 (2012).

Lucrarea TRIF T.: A generalization of the Hyers-Ulam-Rassias stability of the Popoviciu functional equation. *Nonlinear Funct. Anal. Appl.* **7**, 45-54 (2002) a fost citată în

- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).

Lucrarea TRIF T.: On the stability of a functional equation deriving from an inequality of Popoviciu for convex functions. *J. Math. Anal. Appl.* **272**, 604-616 (2002) a fost citată în

- BAE J.-H., PARK W.-G.: Partitioned cyclic functional equations. *JIPAM. J. Inequal. Pure Appl. Math.* **4**, no. 1, Article 10, 7 pp. (electronic) (2003).
- JUN K.-W., BAE J.-H., PARK W.-G.: Partitioned functional inequalities in Banach modules and approximate algebra homomorphisms. *Math. Inequal. Appl.* **6**, no. 4, 715-726 (2003).

- PARK C.-G.: Modified Trif's functional equation in Banach modules over a C*-algebra and approximate algebra homomorphisms. *J. Math. Anal. Appl.* **278**, 93-108 (2003).
- PARK C.-G.: Linear functional equations in Banach modules over a C*-algebra. *Acta Appl. Math.* **77**, 125-161 (2003).
- PARK C.-G.: Generalized Popoviciu functional equations in Banach modules over a C*-algebra and approximate algebra homomorphisms. *New Zealand J. Math.* **32**, 183-193 (2003).
- PARK C.-G.: Stability of a linear functional equation in Banach modules. *Dynamical systems and differential equations (Wilmington, NC, 2002). Discrete Contin. Dyn. Syst. suppl.*, 694-700 (2003).
- PARK C.-G.: Generalized Trif's functional equation and approximate algebra homomorphisms. *Stability of Functional Equations of Ulam-Hyers-Rassias Type* (Czerwik S. editor), Hadronic Press, Palm Harbor, 2003, 133-142.
- LEE J.-R., SHIN D.-Y.: On the Cauchy-Rassias stability of the Trif functional equation in C*-algebras. *J. Math. Anal. Appl.* **296**, 351-363 (2004).
- PARK C.-G.: Lie *-homomorphisms between Lie C*-algebras and Lie *-derivations on Lie C*-algebras. *J. Math. Anal. Appl.* **293**, 419-434 (2004).
- PARK C.-G.: Poisson brackets on Banach algebras. *Kyungpook Math. J.* **44**, 597-606 (2004).
- PARK C.-G.: Homomorphisms between Poisson Banach algebras and Poisson brackets. *Honam Math. J.* **26**, 61-75 (2004).
- PARK C.-G., HOU J.: Homomorphisms between C*-algebras associated with the Trif functional equation and linear derivations on C*-algebras. *J. Korean Math. Soc.* **41**, 461-477 (2004).
- PARK C.-G.: Cauchy-Rassias stability of a generalized Trif's mapping in Banach modules and its applications. *Nonlinear Anal.* **62**, 595-613 (2005).
- PARK C.-G.: Multilinear Trif d -mappings in Banach modules over a C*-algebra. *Rocky Mountain J. Math.* **35**, 641-654 (2005).
- PARK C.-G.: Homomorphisms between Lie JC*-algebras and Cauchy-Rassias stability of Lie JC*-algebra derivations. *J. Lie Theory* **15**, 393-414 (2005).
- PARK C.-G.: Homomorphisms between Poisson JC*-algebras. *Bull. Braz. Math. Soc. (N.S.)* **36**, 79-97 (2005).
- PARK C.-G.: A generalized Jensen's mapping and linear mappings between Banach modules. *Bull. Braz. Math. Soc. (N.S.)* **36**, 333-362 (2005).
- PARK C. G., HOU J. C., OH S. Q.: Homomorphisms between JC*-algebras and Lie C*-algebras. *Acta Math. Sin. (Engl. Ser.)* **21**, no. 6, 1391-1398 (2005).
- RASSIAS J. M.: On the Cauchy-Ulam stability of the Jensen equation in C*-algebras. *International Journal of Pure and Applied Mathematical Sciences* **2**, no. 1, 92-101 (2005).
- SHULMAN E. V.: On some functional equations and representations of topological semigroups. *Funct. Anal. Appl.* **39**, 314-316 (2005).
- JUN K.-W., KIM H.-M.: Stability problem for Jensen-type functional equations of cubic mappings. *Acta Math. Sin. (Engl. Ser.)* **22**, 1781-1788 (2006).

- PARK C., RASSIAS TH. M.: Additive isometries on Banach spaces. *Nonlinear Funct. Anal. Appl.* **11**, 793-803 (2006).
- PARK C.-G., RASSIAS TH. M.: The N -isometric isomorphisms in linear N -normed C^* -algebras. *Acta Math. Sin. (Engl. Ser.)* **22**, 1863-1890 (2006).
- PARK C.-G., RASSIAS TH. M.: On a generalized Trif's mapping in Banach modules over a C^* -algebra. *J. Korean Math. Soc.* **43**, 323-356 (2006).
- SHULMAN E.: Addition theorems and representations of topological semigroups. *J. Math. Anal. Appl.* **316**, 9-15 (2006).
- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).
- MOSLEHIAN M. S.: Approximately intertwining mappings. *J. Math. Anal. Appl.* **332**, 171-178 (2007).
- MOSLEHIAN M. S.: Approximate C^* -ternary ring homomorphisms. *Bull. Braz. Math. Soc. (N.S.)* **38**, 611-622 (2007).
- PARK C.-G.: Algebra homomorphisms in C^* -algebras. *Inequality Theory and Applications*, vol. 4 (Cho Y. J. et al. eds.), Nova Science Publishers, New York, 2007, 111-118.
- PARK C.-G.: Linear $*$ -derivations on C^* -algebras. *Tamsui Oxford J. Math. Sci.* **23** (2), 155-171 (2007).
- PARK C., RASSIAS TH. M.: Inequalities in additive N -isometries on linear N -normed Banach spaces. *J. Inequal. Appl.* **2007**, Article ID 70597, 12 pp. (2007).
- CHU H.-Y., KANG D. S., RASSIAS TH. M.: On the stability of a mixed n -dimensional quadratic functional equation. *Bull. Belg. Math. Soc. Simon Stevin* **15**, no. 1, 9-24 (2008).
- LEE J.-R., SHIN D.-Y.: On the Cauchy-Rassias stability of a generalized additive functional equation. *J. Math. Anal. Appl.* **339**, 372-383 (2008).
- MIHEȚ D.: The probabilistic stability for a functional nonlinear equation in a single variable. *J. Math. Inequal.* **3**, 475-483 (2009).
- NAJATI A.: Cauchy-Rassias stability of homomorphisms associated to a Pexiderized Cauchy-Jensen type functional equation. *J. Math. Inequal.* **3**, 257-265 (2009).
- PARK C.-G., SONG J. H.: Cauchy--Rassias stability of linear mappings in Banach modules associated with a generalized Jensen type mapping. *Bull. Iranian Math. Soc.* **35** (2), 143-162 (2009).
- CHUDZIAK M.: On a generalization of the Popoviciu equation on groups. *Ann. Acad. Pedagog. Crac. Stud. Math.* **9**, 49 - 53 (2010).
- GĂVRUȚA P., GĂVRUȚA L.: A new method for the generalized Hyers-Ulam-Rassias stability. *Int. J. Nonlinear Anal. Appl.* **1**, no. 2, 11 - 18 (2010).
- PARK C., GORDJI M. E., KHODAEI H.: A fixed point approach to the Cauchy-Rassias stability of general Jensen type quadratic-quadratic mappings. *Bull. Korean Math. Soc.* **47** (2010), 987 - 996, doi: 10.4134/BKMS.2010.47.5.987.
- SHULMAN E.: Decomposable functions and representations of topological semigroups. *Aequationes Math.* **79**, 13 - 21 (2010), doi: 10.1007/s00010-010-0005-6.
- BOO D.-H., KENARY H. A., PARK C.: Functional equations in Banach modules and approximate algebra homomorphisms in Banach algebras. *Korean J. Math.* **19**, 33-52 (2011).

- CHUDZIAK M.: Stability of the Popoviciu type functional equations on groups. *Opuscula Math.* **31**, 317-325 (2011).
- LEE S. J.: The stability of linear mappings in Banach modules associated with a generalized Jensen mapping. *J. Chungcheong Math. Soc.* **24**, no. 2, 287-301 (2011).
- RUS I. A.: Ulam stability of the operatorial equations. *Functional Equations in Mathematical Analysis* (Rassias Th. M. and Brzdek J. eds), Springer Optimization and Its Applications, 2012, Volume 52, Part 1, 287-305, doi: 10.1007/978-1-4614-0055-4-23.

Lucrarea TRIF T.: Sharp inequalities involving the symmetric mean. *Math. Notes (Miskolc)* **3**, 157-164 (2002) a fost citată în

- BESENYEI Á.: On the invariance equation for Heinz means. *Math. Inequal. Appl.* **12**, 973-979 (2012).

Lucrarea TRIF T.: On the superstability of certain functional equations. *Demonstratio Math.* **35**, 813-820 (2002) a fost citată în

- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).

Lucrarea TRIF T.: Hyers-Ulam-Rassias stability of a quadratic functional equation. *Bull. Korean Math. Soc.* **40**, 253-267 (2003) a fost citată în

- JUN K.-W., KIM H.-M.: The generalized Hyers-Ulam stability of a general quadratic functional equation. *J. Appl. Math. Computing* **15**, no. 1-2, 377-392 (2004).
- LEE Y. W.: Stability of a generalized quadratic functional equation with Jensen type. *Bull. Korean Math. Soc.* **42**, 57-73 (2005).
- JUN K.-W., KIM H.-M.: Stability problem for Jensen-type functional equations of cubic mappings. *Acta Math. Sin. (Engl. Ser.)* **22**, 1781-1788 (2006).
- PARK C., HONG S.-K., KIM M.-J.: Jensen type quadratic-quadratic mapping in Banach spaces. *Bull. Korean Math. Soc.* **43**, 703-709 (2006).
- SINGLETON B. D.: The life and work of Donald H. Hyers (1913-1997). *Nonlinear Funct. Anal. Appl.* **11**, 697-732 (2006).
- JUN K.-W., KIM H.-M.: On the Hyers-Ulam-Rassias stability problem for approximately k -additive mappings and functional inequalities. *Math. Inequal. Appl.* **10**, 895-908 (2007).
- AN J. S.: On functional inequalities associated with Jordan-Von Neumann type functional equations. *Commun. Korean Math. Soc.* **23**, no. 3, 371-376 (2008).

Lucrarea TRIF T.: Convexity of the gamma function with respect to Hölder means. In *Inequality Theory and Applications*, vol. 3 (Cho Y. J., Kim J. K., and Dragomir S. S. eds.), Nova Science Publishers, New York, 2003, 189-195 a fost citată în

- NICULESCU C. P., PERSSON L.-E.: *Convex Functions and Their Applications*. Springer, 2006.
- BARICZ A.: *Generalized Bessel Functions of the First Kind*. Lecture Notes in Mathematics, 1994, Springer-Verlag, Berlin Heidelberg, 2010.

- CHU Y.-M., ZHANG X.-M.: Multiplicative concavity of the integral of multiplicatively concave functions. *J. Inequal. Appl.* **2010**, Article ID 845390, 8 pp. (electronic) (2010), doi:10.1155/2010/845390.

Lucrarea TRIF T.: An elementary proof of the preservation of Lipschitz constants by the Meyer-König and Zeller operators. *JIPAM. J. Inequal. Pure Appl. Math.* **4**, no. 5, Article 90, 3 pp. (electronic) (2003) a fost citată în

- BASCANBAZ-TUNCA G., TASDELEN F.: On Chlodovsky form of the Meyer-König and Zeller Operators. *An. Univ. Vest. Timiș. Ser. Mat.-Inform.* **49**, no. 2, 137-144 (2011).

Lucrarea TRIF T.: On the stability of the Popoviciu functional equation on bounded domains. In *Stability of Functional Equations of Ulam-Hyers-Rassias Type* (Czerwik S. editor), Hadronic Press, Palm Harbor, 2003, 173-180. (ISBN 1-57485-057-1)) a fost citată în

- BRZDEK J.: A note on stability of the Popoviciu functional equation on restricted domain. *Demonstratio Math.* **43**, 635-641 (2010).

Lucrarea TRIF T.: Unique solvability of certain nonlinear boundary value problems via a global inversion theorem of Hadamard-Lévy type. *Demonstratio Math.* **38**, 331-340 (2005) a fost citată în

- DALMASSO R.: An existence and uniqueness theorem for a second order nonlinear system. *J. Math. Anal. Appl.* **327**, 715-722 (2007).
- LI W.: An application of a global inversion theorem to an existence and uniqueness theorem for a class of nonlinear systems of differential equations. *Nonlinear Anal.* **70**, no. 10, 3730-3737 (2009).

Lucrarea TRIF T.: Note on certain inequalities for means in two variables. *JIPAM. J. Inequal. Pure Appl. Math.* **6**, no. 2, Article 43, 5 pp. (electronic) (2005) a fost citată în

- KOUBA O.: New bounds for the identric mean of two arguments. *JIPAM. J. Inequal. Pure Appl. Math.* **9**, no. 3, Article 71, 6 pp. (electronic) (2008).
- ZHU L.: Some new inequalities for means in two variables. *Math. Inequal. Appl.* **11**, no. 3, 443-448 (2008).
- WU S., DEBNATH L.: Inequalities for differences of power means in two variables. *Analysis Math.* **37**, no. 2, 151-159 (2011), doi: 10.1007/s10476-011-0203-z.
- YANG Z.-H.: The log-convexity of another class of one-parameter means and its applications. *Bull. Korean Math. Soc.* **49**, no. 1, 33-47 (2012), doi:10.4134/BKMS.2012.49.1.033.
- YANG Z.-H.: New sharp bounds for identric mean in terms of logarithmic mean and arithmetic mean. *J. Math. Inequal.* **6**, 533-543 (2012), doi: 10.7153/jmi-06-51.

Lucrarea TRIF T.: Monotonicity, comparison and Minkowski's inequality for generalized Muirhead means in two variables. *Mathematica (Cluj)* **48 (71)**, no. 1, 99-110 (2006) a fost citată în

- XIA W.-F., CHU Y.-M.: The Schur multiplicative convexity of the generalized Muirhead mean values. *Int. J. Funct. Anal. Operator Theory Appl.* **1**, 1-8 (2009).

- WANG M.-K., CHU Y.-M., QIU Y.-F.: Some comparison inequalities for generalized Muirhead and identric means. *J. Inequal. Appl.* **2010**, Article ID 295620, 10 pp. (electronic) (2010), doi:10.1155/2010/295620.
- CHU Y.-M., XIA W.-F.: Necessary and sufficient conditions for the Schur harmonic convexity of the generalized Muirhead mean. *Proceedings of A. Razmadze Mathematical Institute* **152**, 19-27 (2010).

Lucrarea BRECKNER W. W., TRIF T.: Equicontinuity and singularities of families of monomial mappings. *Studia Univ. Babeş-Bolyai, Math.* **51**, no. 3, 11-30 (2006) a fost citată în

- BUDZIK D.: Monomial differences majorized by given functions. *Math. Pannon.* **20**, 209-218 (2009).

Lucrarea TRIF T.: Hyers-Ulam-Rassias stability of a linear functional equation with constant coefficients. *Nonlinear Funct. Anal. Appl.* **11**, 881-889 (2006) a fost citată în

- JUNG S.-M.: Functional equation $f(x)=pf(x-1)-qf(x-2)$ and its Hyers-Ulam stability. *J. Inequal. Appl.* **2009**, Article ID 181678, 10 pp. (electronic) (2009), doi:10.1155/2009/181678.
- BRZDEK J., JUNG S.-M.: A note on stability of a linear functional equation of second order connected with the Fibonacci numbers and Lucas sequences. *J. Inequal. Appl.* **2010**, Article ID 793947, 10 pp. (electronic) (2010), doi: 10.1155/2010/793947.
- BRZDEK J., CIEPLINSKI K.: A fixed point approach to the stability of functional equations in non-Archimedean metric spaces. *Nonlinear Anal.* **74**, 6861-6867 (2011), doi: 10.1016/j.na.2011.06.050.
- BRZDEK J., JUNG S.-M.: A note on stability of an operator linear equation of the second order. *Abstract Appl. Anal.* **2011**, Article ID 602713, 15 pp. (electronic) (2011), doi: 10.1155/2011/602713.
- BRZDEK J., POPA D., XU B.: Remarks on stability of linear recurrence of higher order. *Appl. Math. Letters* **23**, 1459 - 1463 (2010) doi: 10.1016/j.aml.2010.08.010.
- BRZDEK J., POPA D., XU B.: Selections of set-valued maps satisfying a linear inclusion in a single variable. *Nonlinear Anal.* **74**, 324-330 (2011).
- BRZDEK J., POPA D., XU B.: On approximate solutions of the linear functional equation of higher order. *J. Math. Anal. Appl.* **373**, 680-689 (2011).
- BRZDEK J., POPA D., XU B.: Note on nonstability of the linear functional equation of higher order. *Comp. Math. Appl.* **62**, 2648-2657 (2011), doi: 10.1016/j.camwa.2011.08.007.
- JUNG S.-M.: *Hyers-Ulam-Rassias Stability of Functional Equations in Nonlinear Analysis*. Springer, 2011.
- BRZDEK J., POPA D., XU B.: Remarks on stability of the linear functional equation in single variable. *Nonlinear Analysis* (P. M. Pandalos et al. eds.), Springer Optimization and Its Applications **68**, 91-119 (2012), doi: 10.1007/978-1-4614-3498-6-7.

Lucrarea TRIF T.: Characterizations of convex functions of a vector variable via Hermite-Hadamard's inequality. *J. Math. Inequal.* **2**, 37-44 (2008) a fost citată în

- BESSENYEI M.: The Hermite-Hadamard inequality in Beckenbach's setting. *J. Math. Anal. Appl.* **364**, 366-383 (2010).

- BESSENYEI M., PÁLES Zs.: Characterization of higher-order monotonicity via integral inequalities. *Proc. Roy. Soc. Edinburgh Sect. A* **140**, 723 - 736 (2010), doi: 10.1017/S0308210509001188.
- IVELIĆ S., PEČARIĆ J.: Generalizations of converse Jensen's inequality and related results. *J. Math. Inequal.* **5**, 43-60 (2011).
- CHEN Y.: Multi-dimensional Hadamard's inequalities. *Tamkang J. Math.* **43**, no. 1, 1-10 (2012) doi: 10.5556/j.tkjm.43.2012.1-10.

Lucrarea TRIF T.: Asymptotic behavior of intermediate points in certain mean value theorems. *J. Math. Inequal.* **2**, 151-161 (2008) a fost citată în

- DUCA D.: Properties of the intermediate point from the Taylor's theorem. *Math. Inequal. Appl.* **12**, 763-771 (2009).
- XU A., CUI F., HU Z.: Asymptotic behavior of intermediate points in the differential mean value theorem of divided differences with repetitions. *J. Math. Anal. Appl.* **365**, 358-362 (2010).
- XU A., CEN Z.: Asymptotic behaviors of intermediate points in the remainder of the Euler-Maclaurin formula. *Abstract Appl. Anal.* **2010**, Article ID 134392, 8 pp. (electronic) (2010), doi:10.1155/2010/134392.
- NIKONOROV I. G.: Asymptotic behavior of support points for planar curves. *J. Math. Anal. Appl.* **391**, 147-158 (2012), doi: 10.1016/j.jmaa.2012.02.023.
- NIKONOROV I. G.: Asimptotika tocek kasaniia ploskih krivîh (Asymptotic behavior of support points for planar curves). *Matematicheskie Trudî* **14**, no. 1, 141-157 (2011).

29. Participări la programe de cercetare finanțate din sursă internațională

Nu am participat.

30. Participări la programe finanțate din sursă națională

- Membru cercetător în Grant CNCSIS 27, Tip A (2001): *Cercetări de analiză neliniară aplicată*, director Breckner W. W. (valoare 3.200 RON).
- Membru cercetător în Grant CNCSIS 27, Tip A (2002): *Cercetări de analiză neliniară aplicată*, director Breckner W. W. (valoare 4.000 RON).
- Membru cercetător în Grant CNCSIS 145, Tip A (2003): *Cercetări de analiză neliniară aplicată*, director Breckner W. W. (valoare 6.030 RON).
- Membru cercetător în Grant CNCSIS 346, Tip A (2004): *Cercetări de analiză modernă și aplicații ale acestora*, director Breckner W. W. (valoare 18.400 RON).
- Membru cercetător în Grant CNCSIS 346, Tip A (2005): *Cercetări de analiză modernă și aplicații ale acestora*, director Breckner W. W. (valoare 15.000 RON).
- Membru cercetător în Grant CNCSIS 346, Tip A (2006): *Cercetări de analiză modernă și aplicații ale acestora*, director Breckner W. W. (valoare 25.000 RON).

31. Coordonări de programe finanțate din sursă internațională

- Coordonator al specializării Matematică în cadrul proiectului *Formarea profesională a cadrelor didactice din învățământul preuniversitar pentru noi oportunități de dezvoltare în carieră* – POSDRU/57/1.3./S/32629 (2010 – 2012).

32. Coordonări de programe finanțate din sursă națională

Nu am coordonat.

33. Vizite didactice și de cercetare internaționale

Nu am făcut.

34. Conferințe și seminarii invitate internaționale

Nu am ținut.

35. Alte informații

Nu este cazul.

Data:

25.6.2013

Semnătura: