

KOSTADIN TRENČEVSKI

CURRICULUM VITAE

BASIC INFORMATION

Name: Kostadin Trenčevski

Date of birth: February 27, 1960

Citizenship: Macedonian

Title of present position: Full Professor at Department of Mathematics, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia

Highest degree earned: Ph.D.

Major discipline: Geometry, Differential Geometry and Its Applications

Research interests: Differential geometry, gravitation and cosmology, high dimensional space-time, differential equations, algebra, fractional calculus

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ACADEMIC DEGREES

- June 1982, B.Sc in Theoretical Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia
- June 1986, M.Sc. in Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia (MSc thesis title: Spaces with affine connection which admit parallel vector fields or parallel vector planes)
- March 1990, Ph.D. in Mathematics, Ss. Cyril and Methodius University, Skopje, Macedonia (MSc thesis title: Tensor integration on manifolds and generalization of Stokes theorem)

ACADEMIC AND PROFESSIONAL POSITIONS

- (1982-1987): Teaching asistant, Institute of Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia
- (1987-1991): Teaching and Research asistant, Institute of Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia
- (1991-1996): Assistent Professor, Teaching asistant, Institute of Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia
- (1996-2001): Associate Professor, Institute of Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia
- (2001-): Full Professor, Institute of Mathematics, Ss. Cyril and Methodius University of Skopje, Macedonia

KOSTADIN TRENČEVSKI CURRICULUM VITAE

OTHER ACTIVITIES

- 2005-2007 Dean of Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University in Skopje
- 1998/99 Prodean of education and science at the Faculty of Natural Sciences and Mathematics, Cyril and Methodius University in Skopje
- 2004/05 member of the Senate of Ss. Cyril and Methodius University in Skopje
- Deputy Leader of the Macedonian team at the International Mathematical Olympiad in Hong Kong 1994 (XXXV IMO)
- Leader of the Macedonian team at the International Mathematical Olympiade in Mumbai 1996 (XXXVII IMO)
- Leader of the Macedonian team on some Balkan Mathematical Olympiads and Junior Balkan Mathematical Olympiads
- Leader of the Macedonian team on some Yugoslav Mathematical Competitions
- Member and president of the Selection Problem Committee for the National Mathematics Competitions for high school students

MEMEBERSHIP IN SCIENTIFIC ACADEMY

- Member of Southslovenian Academy of Nonlinear Sciences, since November 3, 2010, (www.mi.sanu.ac.rs/jann)

MEMBERSHIP IN PROFESSIONAL OFGANIZATIONS

- Member of Society of Mathematicians of Republic of Macedonia
- Member of Tensor Society (JAPAN)
- Member of Balkan Society of Geometers

AWARDS

- 1875-1978, The first prizes of National Mathematical Competitions for High School Students
- 1977, Second prize on Yugoslavian mathematical competition
- 1977, Silver medal on the XIX International Mathematical Olympiad
- 1982, The best graduated student in 1981/1982 academic year at Faculty of Mathematics, Ss. Cyril and Methodius University in Skopje

EDITOR

- Balkan Journal of Geometry and Its Applications
- Kragujevac Journal of Mathematics
- Mathematica Moravica

RPOJECTS

a) Main researcher

1. Диференцијална геометрија и примена, 1997-2000 (МОН на РМ).
2. Диференцијално - геометриски и тополошки проблеми и нивна примена, 2000-2003 (МОН на РМ).
3. Диференцијално - геометриски и тополошки проблеми и нивна примена, 2006-2009 (МОН на РМ).

b) member

4. Геометриски структури, 1984-1987 (МОН на РМ).
5. Геометриски структури, 1988-1991 (МОН на РМ).
6. Класичен и квантномеханички третман на непотенцијалните интеракции, 1985-1988 (МОН на РМ).
7. Векторско вредносни алгебраски структури, 1985-1988 (МАНУ).
8. Векторско вредносни алгебраски структури, 1988-1991 (МОН на РМ).
9. Тополошки методи и апликации во диференцијална геометрија, 1990-1991 (МОН на РМ).
10. Геометриско-тополошки, диференцијално-геометриски и комбинаторни проблеми и нивна примена, 1991-1994 (МОН на РМ).
11. Геометриско-тополошки, диференцијално-геометриски и комбинаторни проблеми и нивна примена, 1995-1998 (МОН на РМ).
12. Полиадични математички структури, 1993-1995 (МОН на РМ).
13. Векторско вредносни групи, 1999-2002 (МАНУ).
14. Тополошки и фазитополошки структури, 2003-2006 (МОН на РМ).
15. Applications of Lagrange theory in gravitation and electromagnetism, 2001-2004 (Politehnica University of Bucharest).
16. Applications of non-holonomic structures from jet spaces in biology and relativity, 2004-2007 (Politehnica University of Bucharest).
17. Фракционално сметање, виши трансцедентни функции и примена, 2006-2009 (Македонско-хрватски проект).
18. Фотометриски и астрометриски изучувања на астероиди и комети. Теоретски истражувања на ѕвезди, 2006-2009 (МОН на РМ).

TALKS

1. International Conference on Differential Geometry and Its Applications, June 26 – July 3, 1988, Dubrovnik.
2. IV Конференција по хадронска механика и непотенцијални интеракции, 22-26.VIII, 1988, Скопје.
3. VIII kongres matematičara, fizičara i astronoma Jugoslavije (MFAJ), 23-27.IX, 1985, Priština.
4. VI geometrijska konferencija, 26-28.IX, 1986, Sarajevo.
5. V konferencija “Algebra i logika”, 12-14.VI, 1986, Cetinje.
6. VI Konferencija “Algebra i logika”, 18-20.VI, 1987, Sarajevo.
7. Second International Conference on Differential Geometry and its Applications, August 24-29, 1992, Bucharest.
8. International Workshop on Differential Geometry and Its Applications, July 25-30, 1993, Bucharest.
9. Second International Workshop on Differential Geometry and Its Applications, September 24-28, 1995, Constanca (Romania).
10. International Congress of Mathematicians (ICM1994), August 3-11, 1994, Zürich.
11. Трет македонски симпозиум по диференцијални равенки, 1-3.X, 1993, Охрид.
12. Петти македонски симпозиум по диференцијални равенки, 21-24.IX, 1995, Охрид.

KOSTADIN TRENČEVSKI CURRICULUM VITAE

13. XII југословенски симпозиум на физиката на тврдо тело, МАНУ, 22-23.IX, 1991, Скопје.
14. First Conference of the Balkan Society of Geometers, September 23-27, 1996, Bucharest.
15. Прв конгрес на математичарите и информатичарите на Македонија, 3-5.X, 1996, Охрид.
16. 11. Jugoslovenski geometrijski seminar, 3-11.X, 1996, Divčibare.
17. Second Conference of the Balkan Society of Geometers, June 24-27, 1996, Thessaloniki.
18. 12. Jugoslovenski geometrijski seminar, 8-11.X, 1998, Novi Sad.
19. Шести македонски симпозиум по диференцијални равенки, 1-3.X, 1998, Охрид.
20. Втор конгрес на математичарите и информатичарите на Македонија, 228.IX-1.X, 2000, Охрид.
21. International Conference on Topology and its Applications, September 2-9, 2000, Ohrid.
22. Conference “Applied Differential Geometry – General Relativity”, August 27 – September 2, 2000, Thessaloniki.
23. Third Conference of the Balkan Society of Geometers, July 30 – August 2, 2000, Bucharest.
24. Fifth International Workshop on Differential Geometry and Its Applications, September 18-22, 2001, Timisoara.
25. Applied Differential Geometry, Lie Algebras – General Relativity, June 27 – July 1, 2001, Thessaloniki.
26. International Conference FILOMAT 2001, August 26-30, 2001, Niš.
27. VII македонски симпозиум по диференцијални равенки, 26-29.IX, 2002, Охрид.
28. Contemporary Geometry and Related Topics, May 15-21, 2002, Belgrade.
29. 13. Jugoslovenski Geometrijski Seminar, 18-21.X, 2002, Kragujevac.
30. Fourth Conference of the Balkan Society of Geometers, Conference on Geometry and Its Applications in Technology, June 26-30, 2002, Thessaloniki.
31. International Conference MASSEE’2003, September 15-21, 2003, Borovetz (Bulgaria).
32. Петта конференција на физичарите на Р. Македонија, 24-26.IX, 2004, Охрид.
33. International Conference on Topology and Its Applications, September 1-4, 2004, Skopje.
34. Contemporary Geometry and Related Topics, Belgrade June 26 – July 2, 2005.
35. MAGT (Mathematical Analysis and Graph Theory) Conference, 1-4 September 2006, Belgrade.
36. Шеста Конференција на Друштвото на физичарите на Р.Македонија, Охрид, септември 2006 година.
37. Second International Conference FMNS2007, Blagoevgrad, June 6-10, 2007.
38. Диференцијална геометрија и динамички системи, 5-7 октомври 2007, Букурешт.
39. Четврти Македонски Математички Конгрес, 18-21 октомври 2008, Струга.

KOSTADIN TRENČEVSKI CURRICULUM VITAE

40. Седма Конференција на Друштвото на физичарите на Р.Македонија, Охрид, септември 2008 година.
41. Конференција по повод 85 од животот на Благој Попов, 4-7 септември 2008, Охрид.
42. MICOM 16-20 септември, 2009, Охрид.
43. World Congress of Engineering, July 1-3, 2009, London.
44. Геометриски семинар по повод 80 год. од животот на акад. Милева Првановиќ, 17.10.2009 г., САНУ, Београд.
45. Математичка конференција посветена на Акад. Ѓорѓи Чупона, 10-13 септември 2010, Охрид.
46. XVI Geometrical Seminar, September 20-25, 2010, Vrnja~ka Banja, Serbia.
47. XVII Geometrical Seminar, September 3-8, 2012, Zlatibor, Serbia.
48. III International Conference of Topology and Applications, September 3-6, 2012, Skopje.
49. Differential Geometry & Dynamical Systems 2013 (DGDS-2013), 10-13 October, 2013, Bucharest.
50. XVIII Geometrical Seminar, 25-28 May 2014, Vrnja~cka Banja, Serbia.
51. V Македонски Математички Конгрес, септември. 2014, Охрид.
52. International workshop on geometry of Riemannian and Hermitian manifolds, December 7-10, 2015, Sofia.

SCIENTIFIC PUBLICATIONS

a) papers in foreign journals or proceedings

1. V.Petruševski, **K.Trenčevski**, A tensorial approach to the description of molecular distortions I. Tetrahedral molecules, *Croatica Chem. Acta*, **59** (4), (1986), 867-881.
2. **K.Trenčevski**, A note on non-existence for some classes of continuous (3,2)-groups, *Proc. Conf. Algebra & Logic*, Cetinje 1986, 205-208.
3. M.Mijatović, V.Veselinović, **K.Trenčevski**, Differential geometry of equilibrium thermodynamics, *Physical Review A*, **35** (1987), 1863-1867.
4. D.Dimovski, **K.Trenčevski**, Non existence of continuous (4,3)-groups on R, *Proc. Conf. Algebra & Logic*, Sarajevo (1987), 49-57.
5. **K.Trenčevski**, On the autoparallel imbedding of the sphere S^{2q} in R^{2q+1} , *Diff. Geometry and Appl.*, *Proc. Conf.*, June 26 - July 3, Dubrovnik, (1988), 367-375.
6. **K.Trenčevski**, Contravariant integration, line integrals, *Publicationes Mathematicae*, **35** (1988), 197-206.
7. **K.Trenčevski**, Covariant multiple integrals of tensors and a generalization of Stokes' theorem, *Analele Universitatii din Timisoara*, Ser. St. Mat. **26** (1988), 85-94.
8. M.Mijatović, **K.Trenčevski**, A.Jannussis, Some properties of Morse-Feshbach Oscillator, *Hadronic Journal Supplement*, **2** (1986), 576-587.
9. M.Mijatović, **K.Trenčevski**, The classical inverse problem for finite scattering region, *Physical Review A*, **38** (1988), 5038-5044.
10. **K.Trenčevski**, A formula for the k-th covariant derivative, *Serdica*, **15** (1989), 197-202.
11. M.Mijatović, **K.Trenčevski**, B.Veljanoski, Differential treatments of dissipative scattering processes, *Hadronic Mechanics and Nonpotential Interactions*, Nova Science Publishers, New York 1990, 131-152.

12. **K.Trenčevski**, V.Petruševski, Description of molecular distortions III. Trigonally - planar XY_3 molecules, *Croatia Chem. Acta*, **63** (1), (1990), 79-86.
13. M.Mijatović, **K.Trenčevski**, Caustics of classical particle scattering, *Physica A*, **164** (1990), 503-514.
14. V.Petruševski, **K.Trenčevski**, Description of molecular distortions. VI. Spectra-structure correlations in orthophosphate compounds, *Journal of Molecular Structure*, **267** (1992), 209-214.
15. M.Mijatović, G.Ivanovski, B.Veljanoski, **K.Trenčevski**, Scattering and bound states of a nonrelativistic neutral spin $-1/2$ particle in a magnetic field, *Zeitschrift fur Physik A*, **345** (1993), 65-77.
16. **K.Trenčevski**, One model of gravitation and mechanics, *Tensor N.S.*, **53** (1993), 70-82.
17. **K.Trenčevski**, On the strictly parallel planes of the spaces with linear connection, *Serdica*, **19** (1993), 223-227.
18. M.Mijatović, **K.Trenčevski**, B.Veljanoski, The Aharonov-Bohm effect and classical potential, *Hadronic Journal*, **16** (1993), 187-194.
19. **K.Trenčevski**, Contribution to tensor integration, *Tensor N.S.*, **51** (1992), 235-241.
20. **K.Trenčevski**, General solution of Frenet equations, *Scientific Bulletin*, Universitatea Politehnica din Bucuresti, Ser. A, **55** (1993), 229-237.
21. **K.Trenčevski**, Solutions of analytical systems of partial differential equations, *Serdica Math. J.*, **21** (1995), 171-184.
22. V.Balan, **K.Trenčevski**, Deviations of stationary curves in the extended fibred Finslerian approach. Characterization and analytical solutions for E.D.G., *Reports on Mathematical Physics*, **36** (1995), 53-61.
23. V.Balan, **K.Trenčevski**, Equations of deviations of geodesics. Special cases in the fibered Finslerian clue. *Tensor N.S.*, **56** (1995), 184-192.
24. **K.Trenčevski**, Contribution to the non-linear connections, *Tensor N.S.*, **57** (1996), 226-236.
25. **K.Trenčevski**, I.Risteski, Two solutions of one problem of B.S.Popov, *Missouri J. Math. Sci.*, **9** (1997), 140-147.
26. **K.Trenčevski**, New approach for the submanifolds of the Euclidean space, *Balkan Journal of Geometry and Its Applications*, **2** (1997), 117-127.
27. **K.Trenčevski**, On two tensor fields which are analogous to the curvature and torsion tensor fields, *Математички Весник*, **49** (1997), 3-14.
28. **K.Trenčevski**, Principal directions for submanifolds imbedded in Euclidean spaces of arbitrary codimension, *General Mathematics*, **5** (1997), 385-312.
29. **K.Trenčevski**, S.Kera, One conjecture concerning the permutation products on manifolds, *Mathematica Balkanica N.S.*, **12** (1998), 425-429.
30. **K.Trenčevski**, On the parallel vector fields in vector bundles, *Tensor N.S.*, **60** (1998), 264-273.
31. **K.Trenčevski**, Generalization of the Grassmann manifolds, Global Analysis, Differential Geometry and Lie Algebras, June 24-28, 1998, Thessaloniki, Ed. Prof. Grigorios Tsagas, BSG Proceedings 4, Geometry Balkan Press, 2000, 124-132.
32. J.Stefanovski, **K.Trenčevski**, V.Covachev, Cauchy problem and reduction of the system of partial differential equations, *Tamkang J. Math.*, **30** No.4 (1999), 315-329.
33. I.B.Risteski, **K.Trenčevski**, V.Covachev, On a class of parametric partial linear complex vector functional equations, *Studia Univ. "Babes Bolyai", Mathematica*, **XLVIII** (4) (2003), 83-98.

34. **K.G.Trenčevski**, I.B.Risteski, The family of lines which intersect given lines in general position in \mathbb{R}^n , *Sci. Univ. Tokyo J. Math.*, **35** (1999), 1-10.
35. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, A special Abel's integral equation, *Missouri J. Math.Sci.*, **13**, No.1, (2001), 53-64.
36. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, Reduction of the generalized Popov's differential equation to canonical Birkhoff matrix form, *New Zealand J. Math.*, **29**, (2000), 61-69.
37. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, A simple functional operator, *New York J. Math.*, **5** (1999), 139-142.
38. J.Stefanovski, **K.Trenčevski**, V.Covachev, Charpit system of partial equations with algebraic constraints, *J. Partial Diff. Eqs*, **13** (2), (2000), 151-162.
39. **K.G.Trenčevski**, I.B.Risteski, V.C.Covachev, On two complex functional equations of Frechet's type, in: "Biomathematics, Bioinformatics and Applications of Functional Differential - Difference Equations", Eds. Haydar Akcca, Valery Covachev and Elena Litsyn, Akdeniz University, 14-19 July, 1999, Antalya, 180-185.
40. **K.Trenčevski**, On the submanifolds of the Riemannian manifolds, *Novi Sad J. Math.*, **29** (3), (1999), 369-375.
41. **K.Trenčevski**, J.Stefanovski, On the parallel vector fields of subbundles of the vector bundles with linear and non-linear connections, *Balkan Journal of Geometry and Its Applications*, **4** (2), (1999), 109-115.
42. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, Cyclic complex vector functional equations, *Applied Sciences*, **2** (1), 2000, 13-18.
43. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, On a linear vector functional equation, Proc. "Some problems of Applied Mathematics", Eds. A.Ashyralyev, H.A.Yurtsever, Fatih University Publications, Istanbul (2000), 174-184.
44. I.B.Risteski, **K.G.Trenčevski**, Two homogeneous systems of differences equations with constant coefficients, *Stud. Univ. Zilina, Math. Phys. Ser.*, **12** (1999), 37-39.
45. **K.Trenčevski**, Geometrical interpretation of the principal directions and principal curvatures of submanifolds, *Differential Geometry - Dynamical Systems*, **2** (1), (2000), 50-58.
46. I.B.Risteski, **K.G.Trenčevski**, Principal values and principal subspaces of two subspaces of vector spaces with inner product, *Contribution to algebra and geometry*, **6** (1), (2001), 289-300.
47. I.B.Risteski, **K.G.Trenčevski**, Solutions of two problems of D.Z.Djokovic, *Missouri J. of Math. Sci.*, **14** (3), (2002), 201-209.
48. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, An expanded class of parametric linear complex vector functional equations, *Balkan Journal of Geometry and Its Applications*, **6** (1), (2001), 63-86.
49. **K.Trenčevski**, D.Dimovski, On the affine and projective commutative $(m+k,m)$ -groups, *J. Algebra*, **240** (2001), 338-365.
50. I.B.Risteski, **K.G.Trenčevski**, Homogeneous systems of differential equations with constant coefficients of $n \times n$ Jacobi matrix, *Mitteilungen ans dem Mathematischen Seminar Giessen*, **246** (2001), 48-53.
51. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, Systems of functional equations, Proc. of the XXVI Summer School "Applications of Mathematics in Engineering and Economics", Sozopol 2000, Eds. B.I.Cheshankov and M.D.Todorov, Heron Press, Sofia 2001, 113-118.

52. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, Complex vector systems of partial functional equations, *Analele stiintifice ale universitatii "Al. I. Cuza" Iasi*, Tomul XLVII, s.I a, Matematica, 2001, f.2. p.315-366.
53. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, On some simple complex vector functional equations, *Bulletin of the Transilvania University of Brasov*, **9** (44), N.S., Series B (2002), 47-58.
54. **K.G.Trenčevski**, V.C.Covachev, I.B.Risteski, On some cohomologies on spaces admitting flat linear connections, Proc. of the Conference of Applied Differential Geometry - General Relativity, August 27 - September 2, 2000 Thessaloniki, Greece, Geometry Balkan Press, BSG Proceedings 9, 2003, Bucharest, 152-157.
55. V.Balan, P.Stavrinos, **K.Trenčevski**, Weak gravitational models based on Beil metrics, Proc. of the Conference of Applied Differential Geometry - General Relativity, August 27 - September 2, 2000 Thessaloniki, Greece, Geometry Balkan Press, BSG Proceedings 9, 2003, Bucharest, 7-22.
56. I.B.Risteski, **K.G.Trenčevski**, New estimations of the solutions of multidimensional integral inequalities, *Math. Ineq. & Appl.*, **5** (1), (2002), 143-154.
57. Ž.Tomovski, **K.Trenčevski**, A solution of one problem of complex integration, *Tamkang J. Math.*, **33** (2), (2002), 103-107.
58. **K.Trenčevski**, S.Kera, Cell decomposition of the full flag manifolds, Proc. of the 10th Congress of Yugoslav Mathematicians, Belgrade, 21-24.01.2001, 211-216.
59. I.B.Risteski, **K.G.Trenčevski**, V.C.Covachev, Some complex vector systems of partial functional equations, *Archivum Mathematicum*, **39** (2003), 77-116.
60. **K.Trenčevski**, On the permutation products of torus, *Filomat*, **15** (2001), 191-196.
61. J.Stefanovski, **K.Trenčevski**, Analytic solutions of systems, *Journal of Dynamical and Control Systems*, **8** (4), (2002), 463-486.
62. **K.Trenčevski**, On the parallel planes in vector bundles, Global Analysis, Differential Geometry and Lie Algebras, Thessaloniki 2001, Ed. G.Tsagas, Geometry Balkan Press, BSG Proceedings 10, 2004, Bucharest, 179-187.
63. **K.Trenčevski**, New approach to the fractional derivatives, *Int. J. Math. & Math. Sci.*, **5** (2003), 315-325.
64. **K.Trenčevski**, Ž.Tomovski, On some certain formulas for fractional derivatives of functions of exponential type, *Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat.*, **13** (2002), 77-84.
65. Ž.Tomovski, **K.Trenčevski**, On an open problem of Bai-Ni Guo and Feng Qi, *J. Inequal. Pure Appl. Math.*, **4** (2), (2003), Article 29, URL: <http://jipam.vu.edu.au> .
66. V.Balan, **K.Trenčevski**, Stationary Lorentz curves in first order jet spaces. Numerical simulation and analytic solutions, *Algebras, Groups and Geometries*, **20** (2003), 197-210.
67. **K.Trenčevski**, Geometrical interpretation of the normal vectors and curvatures of submanifolds of \mathbb{R}^m , Proc. of the Conference "Contemporary Geometry and Related Topics", May 15-21, 2002, Belgrade, World Scientific, 407-423.
68. **K.G.Trenčevski**, A new cohomology of special kinds of complex manifolds, *Kragujevac J. Math.*, **25** (2003), 165-169.
69. **K.Trenčevski**, Time dependent gravitational potential in the universe and some consequences, *Gen. Rel. & Grav.*, **37** (3), (2005), 507-519.
70. **K.Trenčevski**, V.Balan, Shrinking of rotational configurations and associated inertial forces, *Journal of the Calcuta Mathematical Society*, **1** no. 3& 4, (2005), 165-180.

71. V.Balan, P.C.Stavrinos and **K.Trenčevski**, Open questions and recent results in the theory of geometrized first-order jet bundles, Proc. of the 3rd International Colloquim “Mathematics in Engineering and Numerical Physics” (MENP-3), 7-9 October 2004, Bucharest, Romania Balkan Society of Geometers, 16-22.
72. **K.Trenčevski**, Ž.Tomovski, Algebraic approach to the fractional derivatives, *Australian J. of Math. Analysis and Appl.*, (AJMAA) vol. **3** (2), Article 12, <http://ajmaa.org>
73. **K.Trenčevski**, R.Malčeski, On a generalized n-inner product and the correspondong Cauchy-Schwarz inequality, *J. Inequal. Pure Appl. Math.*, **7** (2), article 53 (2006), 10 pages.
74. **K.Trenčevski**, E.G.Celakoska, V.Balan, On a parameterization of the Poincare group, *Int. J. of Pure and Applied Math.*, **30** No.1 (2006), 109-117.
75. Ž.Tomovski, **K.Trenčevski**, Fractional derivative of $(1+x)^\alpha$, Proc. of the 2nd IFAC Workshop on Fractional Defferentiation and Applications, Porto, Portugal, July 19-21, 2006, 245-248.
76. **K.Trenčevski**, Violation of the strong equivalence principle, Proc. of Conf. “Contemporary Geometry and Related Topics”, June 26- July 2, 2005 Belgrade, Eds: N.Bokan, M.Djoric, A.T.Fomenko, Z.Rakic, B.Wegner, J.Wess, Faculty of Mathematics, University of Belgrade, 497-511.
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