Curriculum Vitae
of
Dragana S. Cvetković-Ilić

PERSONAL DATA

Born: November 19, 1977, Serbia
Home: Bulevar Nikole Tesle 55/11, 18000 Nis, Serbia
Office: Faculty of Science and Mathematics, University of Nis
      Visegradska 33, 18000 Nis, Serbia
E-mail: dragana@pmf.ni.ac.rs
Webpage: https://www.pmf.ni.ac.rs/Dragana/index.html
Family status: Married, two children

EDUCATION

B.S. in Mathematics, 1999
Department of Mathematics, Faculty of Philosophy, University of Nis

M.S. in Mathematics, 2002
Department of Mathematics, Faculty of Science and Mathematics, University of Nis
Thesis title: Gaps between Banach spaces and applications

Ph.D. in Mathematics, 2004
Department of Mathematics, Faculty of Science and Mathematics, University of Nis
Thesis title: Schur complement and generalizations

PROFESSIONAL CAREER

Full Professor, Department of Mathematics, Faculty of Science and Mathematics, University of Nis, 2011 to date
Associate Professor, Department of Mathematics, Faculty of Science and Mathematics, University of Nis, 2007-2011
Assistant Professor, Department of Mathematics, Faculty of Science and Mathematics, University of Nis, 2004-2007
Assistant, Department of Mathematics, Faculty of Science and Mathematics, University of Nis, 2001-2004
Junior Teaching Assistant, Department of Mathematics, Faculty of Philosophy, University of Nis, 1999-2001

CURRENT SCIENTIFIC ACTIVITIES

Member of the Board of Directors of ILAS(International Linear Algebra Society), (3/2020-)

Member of the Editorial Board for the following journals:

Journal of Computational and Applied Mathematics (IF 2.037)
Annals of Functional Analysis (IF 0.740)
FILOMAT (IF 0.848)
FACTA UNIVERSITATIS, Series Mathematics and Informatics (Editor in Chief)

AWARDS

The best graduate student of the University of Nis in 1999

"For women in Sciences", Loreal-Unesco, 2010, Serbia

Award for achievements in Mathematical Sciences, Mathematical Society of Serbia, 2014

PHD STUDENTS

1) Marina Tošić, 2013
   Ph.D. Thesis: Generalized and hypergeneralized projectors

2) Jelena Višnjić, 2015
   Ph.D. Thesis: Additive properties of the Drazin inverse and Drazin inverze of a block-matrix

3) Jovana Nikolov, 2015
   Ph.D. Thesis: Pseudoinverses and reverse order law for matrices and operators

4) Jovana Milosevic, in progress
   Ph.D. Thesis: Different invertibility modifications in operator spaces and C*-algebras and it's applications

5) Marko Kostadinov, in progress
   Ph.D. Thesis: Consistency and completion problems of operator matrices

6) Hranislav Stankovic, in progress

7) Stefan Stankov, in progress

INTERNATIONAL SCIENTIFIC RESEARCH PROJECTS

Tensor equations over the quaternion algebra with applications on generalized inverses of tensors over the quaternion ring, National Natural Science foundation of China, Grant number: 11971294, 2020-2023.

Operator matrices, numerical range and applications, Serbian Academy of Science and Arts-Branch in Nis, 2019-2020
Coordinator of the project: Vladimir Rakočević
Project leader: Dragana Cvetković-Ilić

China-Serbian Bilateral Research Project: The theory of tensor, operator matrices and applications
Project leader in Serbia: Dragana Cvetković-Ilić
Project leader in China: Yimin Wei
Duration: 2018–2020

Austria-Serbian Bilateral Research Project: Generalized inverses, symbolic computation and operator algebras
Project leader in Serbia: Dragana Cvetković-Ilić
Project leader in Austria: Georg Regensburger
Duration: 2016–2017

China-Serbian Bilateral Research Project: The perturbation of the generalized inverses, geometric structures, fixed point theory and applications
Project leader in Serbia: Ljubica Velimirović
Project leader in China: Chunyuan Deng
Duration: 2015–2017

China-Serbian Bilateral Research Project: Generalized inverses and applications
Project leader in Serbia: Dragana Cvetković-Ilić
Project leader in China: Yimin Wei
Duration: 2013–2015

Slovenian-Serbian Bilateral Research Project: Preservers and various operator and matrix equations with applications
Project leader in Serbia: Dragan Đorđević
Project leader in Slovenia: Peter Semrl
Duration: 2011–2013

NATIONAL SCIENTIFIC RESEARCH PROJECTS

Functional analysis, stochastic analysis and applications, since 2011-to date, (No. 174007, supported by grant of Serbian Ministry of Science, Technology and Development.)

Theory of operators, stochastic analysis and applications, since 2006-2010, (No. 144003, supported by grant of Serbian Ministry of Science, Technology and Development.)

Operator equations, approximations and applications, 2002-2006, (No. 1232, supported by grant of Serbian Ministry of Science, Technology and Development.)

NON SCIENTIFIC PROJECTS

Erasmus+ project: Enhancement of HE research potential contributing to further growth of the WB region / Re@WBC (Academic coordinator)

Erasmus+ project: Development and implementation of system for performance evaluation for Serbian HEIS and system / PESHES

TEACHING ACTIVITIES

a) Under-graduate: Mathematical analysis 3, Numerical Analysis, Mathematics 4

b) Master: Theory of operator, Generalized Inverses of matrices

c) Ph.D: Advance course in theory of operator, Matrix and operator equations, Generalized inverses of matrices, Smooth analysis

RESEARCH VISITS

Centro de Investigacionen Matematicas, Guanajuato, Mexico, 2004
International Centre for Theoretical Physics, Trieste, Italy, 2005
International Centre for Theoretical Physics, Trieste, Italy, 2009
Southeast University of Nanjing, Nanjing, 2012
Fudan University, Shanghai, 2012
China Shanghai Normal University, Shanghai, 2012
Fudan University, Shanghai, 2014
Southeast University of Nanjing, Nanjing, 2014
China Shanghai Normal University, Shanghai, 2014
School of Mathematical Sciences, Yangzhou University, 2014
South China Normal University, Guangzhou, China, 2016.
School of Mathematical Sciences, Nanning, China, 2016, 2019

University of Linz, 2016
Politechnico di Torino, Torino, Italy, 2016, 2017, 2019
Coventry University, Coventry, England, 2016, 2017
University of Liege, Liege, Belgium. 2016, 2017
Fudan University, Shanghai, China, 2017, 2018
Hunan University, Changsha, China, 2017
Shanghai University, Shanghai, China, 2017, 2018, 2019
Shanghai Normal University, Shanghai, China, 2017, 2018, 2019
Southeast University, Nanjing, China, 2017, 2018, 2019
Sofia University St. Kliment Ohridski, Sofia, Bulgaria, 2018
Hubei Normal University, China, 2018,2019
Politechnico University of Valencia, Spain, 2018
Politechnico di Torino, Torino, Italy, 2018
University of Lille, Lille, France, 2018, 2019
University of Pecs, Hungary, France, 2019
Shanghai University, China, 2019
Fudan University, Shanghai, China, 2019
Jianghan University, Wuhan, 2019
Hefei University of Technology, 2019
University of Minho, Braga, Portugal, 2019

MEMBERSHIP IN THE PROGRAM COMMITTEES OF CONFERENCES/ORGANIZER OF THE MINISYMPOSIUM/INVITED SPEAKER/MEMBER OF THE PHD DEFENSE

Member of the Board of Directors of ILAS (International Linear Algebra Society), 2020-2023

Member of the Scientific board of the International workshop on matrices and operators, Linyi University, 22.05-26.05, 2020.

Organizer (jointly with prof. Yimin Wei and prof. Qing Wen Wang) of the minisyposium Generalized Inverse and its applications at Conference of the International Linear Algebra Society (ILAS), June 22-26, 2020, Galway, Ireland.

Member of the Scientific and organizing committee of the International workshop on generalized inverses and applications, Hubei Normal University, 30.10-01.11, 2019.

Generalized inverses and its applications at SIAM Conference on Applied Linear Algebra, June 18-22, 2012, Valencia, Spain.

Organizer (jointly with prof. Yimin Wei and prof. Nestor Thome) of the minisyposium Generalized inverses and its applications at the International Congress on Industrial and Applied Mathematics (ICIAM), July 15-19, 2019, Valencia, Spain.

Member of the Scientific and organizing committee of the Matrix Inequalities and Matrix Equations conference, June 07-10, 2019, Guilin, China.

Invited speaker: International Conference on Matrix Inequalities and Matrix Equations, Guilin, June 7-10, 2019.

Invited speaker: Workshop on generalized inverses and applications, Hubei Normal University, June 01-02, 2019.

Member of the board for the Phd defense. Candidate: Sheng Dong, Shanghai University, 2019.

Invited speaker: International Conference on Matrix Theory and Applications: Combinatorics, Optimization and Data Analysis, Jeju, Korea, May 23-27, 2019.

Invited speaker: International Conference on Matrix Inequalities and Matrix Equations, Shanghai University, Shanghai, China, June 8-10, 2018.

Organizer (jointly with prof. Yimin Wei and prof. Ken Hayami) of the minisyposium Generalized inverses and its applications at SIAM Conference on Applied Linear Algebra (SIAM-ALA18), May 04-08, 2018, Honk Kong, China.

Invited speaker: Korea-China International Conference on Matrix Theory and Applications, December 14-17, 2017, Sungkyunkwan University, Seoul, South Korea.

Organizer (jointly with prof. Yimin Wei) of the minisyposium Operator matrices, generalized inverses and applications at 15th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2017), September 25-30, 2016, Thessaloniki, Greece.

Invited speaker: Workshop on Matrices and Operators, 09-12, June, 2017, Hunan University, China.

Organizer (jointly with prof. Ljubica Velimirovic) of the minisyposium The perturbation of the generalized inverses, geometric structures, fixed point theory and applications at XIX Geometrical Seminar, August 28 - September 4, 2016, Zlatibor, Serbia.

Organizer (jointly with prof. Yimin Wei) of the minisyposium Generalized Inverse and its applications at Conference of the International Linear Algebra Society (ILAS), July 11-15, 2016, Lueven, Belgium

Member of the Scientific committee of the International Conference on the generalized inverses, geometric structures, fixed point theory and applications, South China Normal University, 23-26 February, 2016, Guangzhou, China.

Member of the program committee of the 13th Serbian Mathematical Congress, May 22-25, 2014, Vrnjačka Banja, Serbia.

Organizer (jointly with prof. Yimin Wei and prof. Nestor Thome) of the minisyposium Generalized inverses and its applications at SIAM Conference on Applied Linear Algebra, June 18-22, 2012, Valencia, Spain.

Member of the organizing committee of the 5th International Symposium on Mathematical Analysis and its Applications, 2-6 October, 2002, Niska Banja, Serbia and Montenegro.

REFEREE AND REVIEW SERVICE

Acta Mathematica Hungarica, Mat. Vesnik, Publ. Inst. Math. Beograd, Filomat, Journal of The Australian Math.Society, Studia Mathematica, Mathematical Reviews, Math. Zbl., Linear Algebra and Its Applications, Applied Mathematics and computations, Applied Numerical Mathematics, Applied Mathematics Letters, Journal of Mathematical Analysis and Applications, Acta. Sci. Math. (Szeged), Novi Sad Journal of Mathematics, Mathematica Moravica, Journal of Numerical Analysis, Kragujevac Journal of Mathematics, Publ. Math. Debrecen Indian Journal of Mathematics, International Journal of Mathematics and Mathematical Sciences, Bulletin of the London Mathematical Society, Journal of Operator Theory, Nonlinear Analysis, Series A, Theory, Methods and Applications, Journal of Inequalities and Applications, Mathematical and Computer Modeling.

BOOKS

D.S. Cvetković-Ilić, Y. Wei, Algebraic Properties of Generalized Inverses, Series: Developments in Mathematics, Vol. 52, Springer, 2017

D.S. Cvetković-Ilić, Generalized inverses and application, Faculty of Sciences and Mathematics, Nis, 2011. (Monography)

D.S.Cvetković-Ilić, V. Rakočević, Functional Analysis-Book of problems, Faculty of Sciences and Mathematics, Nis, 2007 (in Serbian)

ARTICLES (SCI and SCIE)

1. D.S. Cvetković-Ilić, D. Đorđević, V. Rakočević, Schur complements in C*-algebra, Mathematische Nachrichten, 278 (7-8) (2005), 808-814.

2. D.S. Cvetković-Ilić, Generalized inverses and a block-rank equation, Publicationes Mathematicae Debrecen, 66 (3-4) (2005), 417-426.

3. D.S. Cvetković-Ilić, A note on the problem of N. Thome and Y. Wei, App. Math. Comp., 166(1) (2005), 233-236.

4. D.S. Cvetković-Ilić, The reflexive solutions of the matrix equation AXB=C, Comp. Math. Appl., 51 (2006), 897-902.

5. D.S. Cvetković-Ilić, D. Đordjević and Y. Wei, Additive results for the generalized Drazin inverse in a Banach algebra, Linear Algebra Appl., 418 (2006), 53-61.

6. D.S. Cvetković-Ilić, R. Harte, On the algebraic closure in rings, Proc. Amer. Math. Soc. 135, (2007), 3561-3569.

7. D.S. Cvetković-Ilić, D. Alegra , J.J. Koliha, Positive and real-positive solutions to the equation axa*=c in C*-algebra, Linear & Multilinear algebra, 55, (6) (2007), 535--543.

8. J.J. Koliha, D.S. Djordjević and D.S. Cvetković-Ilić, Moore-Penrose inverse in rings with involution, Linear Algebra Appl., 426(2-3) (2007), 371-381.

9. D.S. Cvetković-Ilić, Re-nnd solutions of the matrix equation AXB=C, Journal of the Australian Mathematical Society, 84 (2008), 63-72.

10. D.S. Cvetković-Ilić, Group Homomorphism h_i such that $h_1(x_1) h_n(x_n) = y$ is Solvable, Appl. Math. Letters, 21(4) (2008), 361-365.

11. D.S. Cvetković-Ilić, The solutions of some operator equations, Journal of Korean Math. Soc., 45(5) (2008), 1417-1425.

12. D.S. Cvetković-Ilić, A note of the representation of the Drazin inverse of 2x2 block matrix, Linear Algebra Appl., 429 (1), (2008), 242-248.

13. P. Stanimirović, D.S. Cvetković-Ilić, Succesive matrix squaring algorithm for computing outer inverse, App. Math. Comp. 203 (1), (2008), 19-29.

14. B. Zheng, L. Ye, D.S. Cvetković-Ilić, Generalized inverses of a normal matrix, App. Math. Comp. 206 (2) (2008), 788-795.

15. B. Zheng, L. Ye, D.S. Cvetković-Ilić, The congruence class of the solutions of some matrix equations, Comp. Math. Appl., 57(4) (2009), 540-549.

16. D.S. Cvetković-Ilić, Xiaoji Liu, Jin Zhong, On the (p,q) outer generalized inverse in Banach algebra, App. Math. Comp., 209(2) (2009), 191-196.

17. D.S. Cvetković-Ilić, Expression of the Drazin and MP-inverse of partitioned matrix and quotient identity of generalized Schur complement, App. Math. Comp. 213(1) (2009), 18-24.

18. D.S. Cvetković-Ilić, Jianbiao Chen, Zhaoliang Xu, Explicit representations of the Drazin inverse of block matrix and modified matrix, Linear & Multilinear Algebra, 57(4) (2009), 355 – 364.

19. D.S. Cvetković-Ilić, The generalized Drazin inverse with commutativity up to a factor in a Banach algebra, Linear Alg. Appl. 431(5-7) (2009), 783-791.

20. D.S. Cvetković-Ilić, C. Deng, Some results on the Drazin invertibility and idempotents, Journal of Math. Anal. Appl. 359(2) (2009), 731-738.

21. D.S. Cvetković-Ilić, Y. Wei, Representation for the Drazin inverse of operators on Banach spaces, Electronic Journal of Linear Algebra 18 (2009), 613-627.

22. D.S. Cvetković-Ilić, C. Deng, The Drazin invertibility of the difference and the sum of two idempotent operators, Journal of Computational and Applied Mathematics, 233(8) (2010), 1717-1722.

23. C. Deng, D.S. Cvetković-Ilić, Y. Wei, Some results on the generalized Drazin inverse of operator matrices, Linear & Multilinear Algebra. 58(4) (2010), 503-521.

24. D.S. Cvetković-Ilić, R. Harte, On a Jacobson's lemma and Drazin invertibility, Appl. Math. Letters 23 (2010), 417-420.

25. D.S. Cvetković-Ilić, V. Pavlović, A comment on some recent results concerning the reverse order law for {1,3,4}-inverses, Appl. Math. Comp., 217, (2010), 105-109.

26. D.S. Cvetković-Ilić, R. Harte, The spectral topology in rings, Studia Mathematica, 200 (2010), 267-278.

27. D.S. Cvetković-Ilić, Reverse order laws for {1,3,4}-generalized inverses in C*-algebras, Appl. Math. Letters, 24(2) (2011), 210-213.

28. D.S. Cvetković-Ilić, R. Harte, Reverse order laws in C*-algebras, Linar Algebra Appl. 434(5) (2011), 1388-1394.

29. J. Ljubisavljević, D.S. Cvetković-Ilić, Additive results for the Drazin inverse of block matrices and applications, Journal of Computational and Applied Mathematics, 235(12)(2011), 3683-3690.

30. P. Stanimirović, D.S. Cvetković-Ilić, Slađana Miljković, Marko Miladinović, *Full-rank representations of {2,3}, {2,4}-inverses and successive matrix squaring algorithm,* App. Math. Comp. 217 (22) (2011), 9358-9367.

31. J. Nikolov, D.S. Cvetković-Ilić, Reverse order laws for the weighted generalized inverses, Appl. Math. Letters, 24 (2011), 2140-2145.

32. D.S. Cvetković-Ilić, P. Stanimirović, Marko Miladinović, *Comments on some recent results concerning {2,3} and {2,4}-generalized inverses,* Appl. Math. Comp. 217(22) (2011), 9358-9367.

33. D.S. Cvetković-Ilić, New additive results on Drazin inverse and its applications, Appl. Math. Comp. 218(7) (2011), 3019-3024.

34. D.S. Cvetković-Ilić, Xiaoji Liu, Y. Wei, *Some additive results for the generalized Drazin inverse in a Banach algebra*, Electronic J. Linear Algebra, 22 (2011), 1049-1058.

35. M. Tosic, D.S. Cvetković-Ilić, D. Chunyuan, The Moore-Penrose inverse of a linear combination of commuting generalized and hypergeneralized projectors, Electron. J. Linear Algebra 22 (2011), 1129-1137.

36. M. Tošić, D.S. Cvetković-Ilić, Invertibility of a linear combination of two matrices and partial orderings , Appl. Math. Comp. 218 (2012) 4651-4657

37. C.Deng, D.S. Cvetković-Ilić, Y. Wei, Properties of the combinations of commutative idempotents, Linear Algebra Appl., 436 (2012) 202–221.

38. Yonghui Qin, Xiaoji Liu, D.S. Cvetković-Ilić, Perturbation bounds for the Moore-Penrose inverse of operators, Filomat, 26(2) (2012) 353 - 362.

39. D.S. Cvetković-Ilić, New conditions for the reverse order laws for {1,3} and {1,4}-generalized inverses, Electronic Journal of Linear Algebra, 23 (2012) 231-242.

40. D.S. Cvetković-Ilić, J. Ljubisavljević, A note on the Drazin inverse of a modified matrix, Acta Math. Sci., 32 (2) (2012) 483-487.

41. E. Boasso, D.S. Cvetković-Ilić, R. Harte, On weighted reverse order laws for the Moore-Penrose inverse and K-inverses, Comm. Algebra, 40:3 (2012)9 59-971.

42. C.Deng, D.S. Cvetković-Ilić, Y. Wei, On invertibility of combinations of k -potent operators, Linear Algebra Appl., 437(1) (2012) 376-387.

43. X. Liu, S. Huang, D.S. Cvetković-Ilić, Mixed-type reverse-order laws for {1,3,4}-generalized inverses over Hilbert spaces, Appl. Math. Comp. 218(17) (2012), 8570-8577.

44. J.J. Koliha, D.S. Cvetković-Ilić, C. Deng , Generalized Drazin invertibility of combinations of idempotents , Linear Algebra Appl., 437(9) (2012) 2317-2324.

45. G. Zhuang, J. Chen, D.S. Cvetković-Ilić, Y. Wei, Additive Property of Drazin Invertibility of Elements in a ring, Linear & Multilinear Algebra, 60(8) (2012), 903-910.

46. D.S. Cvetković-Ilić, H. Jin, X. Liu, The absorption laws for the generalized inverses, Appl. Math. Comp., 219(4) (2012), 2053-2059.

47. X. Liu, Shuxia Wu, D.S. Cvetković-Ilić, New results on reverse order law for {1,2,3} and {1,2,4}-inverses of bounded operators, Mathematics of Computation, 82 (283), (2013), 1597-1607.

48. M. Tošić, D.S. Cvetković-Ilić, The invertibility of the difference and the sum of commuting generalized and hypergeneralized projectors, Linear & Multilinear Algebra., 61(4) (2013), 482-493.

49. J. Ljubisavljević, D.S. Cvetković-Ilić, Representations for the Drazin inverse of block matrix, J. Comput. Anal. Appl. 15(3), (2013) 481-497.

50. J. Benitez, D.S. Cvetković-Ilić, Equalities of ideals associated with two projections in rings with involution, Linear Multilinear Algebra, 61(10), (2013), 1419-1435.

51. D.S. Cvetković-Ilić, X. Liu, H. Jin, Representations of generalized inverses of partitioned matrix involving Schur complement, Appl. Math. Comp. 219(18), (2013), 9615-9629.

52. J. Benitez, D.S. Cvetković-Ilić, On the elements aa+ and a+a in a ring, Appl. Math. Comp. 222 (2013) 478–489.

53. D.S. Cvetković-Ilić, J. Nikolov, Re-nnd generalized inverses, Linear Algebra Appl. 439(10), (2013) 2999-3007.

54. D.S. Cvetković-Ilić, Some results on the (2, 2, 0) Drazin inverse problem, Linear Algebra Appl., 438(12), (2013), 4726-4741.

55. D.S. Cvetković-Ilić, J. Nikolov, Reverse order laws for {1, 2, 3}-generalized inverses, Appl. Math. Comp. 234(15) (2014) 114-117.

56. J. Benitez, D.S. Cvetković-Ilić, X. Liu, On the continuity of the group inverse in C*-algebras, Banach J. Math. Anal. 8(2) (2014) 204-213.

57. D.S. Cvetković-Ilić, The point, residual and continuous spectrum of an upper triangular operator matrix, Linear Algebra Appl. 459 (2014) 357-367.

58. D.S. Cvetković-Ilić, J. Nikolov, Reverse order laws for reflexive generalized inverse of operators, Linear &Multilinear Algebra, 63(6), (2015) 1167-1175.

59. D.S. Cvetković-Ilić, G. Hai, A. Chen, Some results on Fredholmness and boundedness below of an upper triangular operator matrix, Journal of Math. Anal. Appl., 425(2) (2015) 1071-1082.

60. D.S. Cvetković-Ilić, Invertible and regular completions of operator matrices, Electronic Journal of Linear Algebra, 30 (2015) 530-549.

61. D.S. Cvetković-Ilić, D. Mosić, Y. Wei, Partial Orders on B(H), Linear Algebra Appl., 481(15) (2015) 115-130.

62. V. Pavlović, D.S. Cvetković-Ilić, Applications of completions of operator matrices to reverse order law for {1}-inverses of operators on Hilbert spaces, Linear Algebra Appl., 484 (2015) 219-236.

63. V. Pavlović, D.S. Cvetković-Ilić, Completions of upper-triangular operator matrices to Kato nonsingularity, Journal of Math. Anal. Appl., 433(2) (2016) 1230–1242.

64. D.S. Cvetković-Ilić, M. Đikić, Various solutions to reverse order law problems, Linear&Multilinear Algebra, 64 (2016) 1207-1219.

65. D. Mosić, D.S. Cvetković-Ilić, Some orders for operators on Hilbert spaces, Appl. Math. Comp., 275 (2016) 229–237.

66. D.S. Cvetković-Ilić, Completions of upper-triangular matrices to left-Fredholm operators with non-positive index, Journal of Operator Theory, 76:1(2016), 101-114.

67. D.S. Cvetković-Ilić, V. Pavlović, On the point and residual spectrum of the operator matrix M_X, Linear & Multilinear Algebra, 65(1), (2017) 35-43.

68. D.S. Cvetković-Ilić, V. Pavlović, An analogue to a result of Takahashi, Journal of Math. Anal. Appl., 446(1), (2017) 264-275.

69. G. Hai, D.S. Cvetković-Ilić, Generalized left and right Weyl spectra of upper triangular operator matrices, Electronic Journal of Linear Algebra, 32 (2017), 41-50.

70. D. Cvetkovic-Ilic, J. Milosevic, Fredholmness of a linear combination of operators, Journal of Math. Anal. Appl., 458(1), (2018), 555-565.

71. D.S. Cvetković-Ilić, Fredholm consistence of upper-triangular operator matrices, Journal of Spectral Theory, 7(4), (2018), 1023-1038.

72. V. Pavlović, D.S. Cvetković-Ilić, On surjectivity and denseness of range of the operator A+CX, Journal of Spectral Theory 8(3), (2018), 871–881.

73. Y. Ke, D.S. Cvetković-Ilić, J. Chen, J. Višnjić, New results on (b, c)-inverses, Linear & Multilinear Algebra, 66(3), (2018), 447-458.

74. D.S. Cvetković-Ilić, V. Pavlović, Drazin invertibility of upper triangular operator matrices, Linear & Multilinear Algebra, 66(2), (2018), 260-267.

75. D.S. Cvetković-Ilić, M. Kostadinov, Invertibility of linear combination in B(H), Linear & Multilinear Algebra, 66(11), (2018), 2139-2150.

76. M. Che, D.S.Cvetković-Ilić, Y. Wei, Inequalities on Generalized Tensor Functions with Diagonalizable and Symmetric Positive Definite Tensors, Stat., Optim. Inf. Comput., Vol. 6, (2018), 483–496.

77. D.S. Cvetković-Ilić, J. Milošević, Reverse order laws for {1,3}-generalized inverses, Linear & Multilinear Algebra, 67(3), (2019), 613-624.

78. D.S. Cvetković-Ilić, M. Kostadinov, Consistency in invertibility and Fredholmness of operator matrices, Journal of Spectral Theory, 9(2), (2019), 635-649.

79. D.S. Cvetković-Ilić, J. Nikolov Radenović, Q.W.Wang, Algebraic conditions for the solvability to some systems of matrix equations, Linear & Multilinear Algebra, (accepted).

80. D.S. Cvetković-Ilić, An analogue to a result of Takahashi II, Journal of Math. Anal. Appl., 479, (2019) 1266-1280.

81. D.S. Cvetković-Ilić, Q.W. Wang, Q. Xu, Douglas' + Zolt´an's lemmas = a tool for solving an operator equation problem, Journal of Math. Anal. Appl., 482(2), 2020.

82. D.S. Cvetković-Ilić, Q.W. Wang, Y. Wei, Different completions of A+CX, Journal of Spectral Theory, (accepted).

83. K. Zuo, D.S. Cvetković-Ilić, Y. Cheng, Different characterizations of DMP-inverse of matrices, Linear & Multilinear Algebra, (accepted).

CONFERENCES

1. D.S. Cvetković, On gaps between bounded operators in Banach spaces, 10th Congress of Yugoslav Mathematicians, 21-24 January, 2001, Belgrade, Serbia and Montenegro.

2. D.S. Cvetković, Some generalizations of Schur complements, 5th International Symposium on Mathematical Analysis and its Applications, 2-6 October, 2002, Niška Banja, Serbia and Montenegro.

3. D.S. Cvetković, Schur complements in C*-algebra, The Sixth International Symposium on Nonlinear Mechanics - Nonlinear Sciences and Applications, 24-29 August, 2003, Niš, Serbia and Montenegro.

4. D.S. Cvetković, Generalized inverses and a block-rank equation, International Congress MASSEE'2003, 15-21 September, 2003 Borovets, Bulgaria.

5. D.S. Cvetković, Block-rank equation, International Workshop on Modern Functional Analysis, Operator Theory, Summability and Applications, 25-28 September, 2003, Niška Banja, Serbia and Montenegro.

6. D.S. Cvetković, On a block-rank equation, Workshop in Mathematical Analysis, 16-21 March, 2004, Guanajuato, Mexico.

7. D.S. Cvetković, Dragan Djordjević, J.J. Koliha, Moore-Penrose Inverse in Rings with Involution, XI Congress of Mathematicians of Serbia and Montenegro, September 29-October 3, 2004, Petrovac, Serbia and Montenegro.

8. D.S. Cvetković-Ilić, Barcelona Conference on C*-algebre and their invariant, CRM, 11 June-15 June, 2007, Barcelona, Bellatera, Spain.

9. D.S. Cvetković-Ilić, Positive and real-positive solutions to the equation axa*=c in C*-algebras, 01-06 May, 2008 V. Banja, Serbia.

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