

# LJILJANA CVETKOVIĆ

## CURRICULUM VITAE

### Education

- B.S., Faculty of Science, University of Novi Sad, 1982.
- M.S., Faculty of Science, University of Novi Sad, 1985.
- Ph. D., Faculty of Science, University of Novi Sad, 1987.

### Professional Experience

- Full Professor, Faculty of Science, University of Novi Sad, since 1997.
- Associated Professor, Faculty of Science, University of Novi Sad, 1992-1997.
- Assistant Professor, Faculty of Science, University of Novi Sad, 1988-1992.
- Assistant, Faculty of Science, University of Novi Sad, 1982-1988.

### Mathematical Specialization

- Systems of linear and nonlinear equations
- Relaxation methods
- Interval iterative methods
- Parallel iterative methods
- Eigenvalue localization

### Publications

1. Herceg, D., Aleksić, Lj., An optimal numerical approximation of second derivative. *III Conference on Applied Mathematics*, D. Herceg, ed., Institute of Mathematics, Novi Sad, 1982, 41–47.
2. Cvetković, Lj., Herceg, D., On numerical solution of boundary value problem using an optimal numerical differentiation. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **12** (1982), 177–189.
3. Herceg, D., Cvetković, Lj., An iterative solution of some discrete analogues of a mildly nonlinear boundary value problem. *Numerical Methods and Approximation Theory*, Milovanović, G.V., ed., Faculty of Electronic Engineering, Niš, 1984, 143–148.
4. Cvetković, Lj., Herceg, D., Some sufficient conditions for convergence of AOR method. *Numerical Methods and Approximation Theory*, Milovanović, G.V., ed., Faculty of Electronic Engineering, Niš, 1984, 13–18.
5. Cvetković, Lj., Herceg, D., On a generalized vSOR Newton's method. *IV Conference on Applied Mathematics*, Vrdoljak, B., ed., Faculty of Civil Engineering, Split, 1985, 99–102.
6. Herceg, D., Cvetković, Lj., On a numerical differentiation. *SIAM J. Numer. Anal.* **23** (1986), 686–691.
7. Cvetković, Lj., On a local convergence of the vAORN method. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **13** (1983), 203–209.
8. Herceg, D., Cvetković, Lj., AOR Method for  $Ax = \lambda Bx$ . *Numerical Methods and Approximation Theory*, Herceg, D., ed., Institute of Mathematics, Novi Sad, 1985, 41–46.
9. Herceg, D., Cvetković, Lj., Über die Bestimmung der Parameter für das VAOR Verfahren. *Z. angew. Math. Mech.* **66** (1986), 411–413.
10. Cvetković, Lj., Herceg, D., Über die Konvergenz des VAOR Verfahrens. *Z. angew. Math. Mech.* **66** (1986), 405–406.

11. Cvetković, Lj., Relaxation methods for solving systems of linear and nonlinear equations. (in Serbian), *Master thesis*, Faculty of Science, Novi Sad, 1985, 77pgs.
12. Cvetković, Lj., On the nonsingularity of interval matrices. *Conference on Applied Mathematics 5, Bohte, Z., ed.*, University of Ljubljana, Institute of Mathematics, Physics and Mechanics, Ljubljana, 1986, 27–32.
13. Cvetković, Lj., Herceg, D., Eine Modifikation des AOR Verfahrens. *Z. angew. Math. Mech.* **67** (1987), 464–467.
14. Cvetković, Lj., Herceg, D., Some sufficient conditions for the convergence of the method of averaging functional corrections. *Appl. Numer. Math.* **6** (1989/1990), 187–194.
15. Herceg, D., Cvetković, Lj., Petrović, N., On an iterative method for solving certain nonlinear system. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **18**, **1** (1988), 1–9.
16. Cvetković, Lj., Herceg, D., Some results on M- and H- matrices. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **16**, **2** (1986), 121–129.
17. Cvetković, Lj., Herceg, D., Convergence theory for AOR method. *Journal of Computational Mathematics* **8** (1990), 128–134.
18. Cvetković, Lj., Herceg, D., An improvement for the area of convergence of the AOR method. *Anal. Numer. Theor. Approx.* **16** (1987), 109–115.
19. Cvetković, Lj., Herceg, D., On the method of averaging functional corrections applied to linear systems. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **18**, **1** (1988), 11–16.
20. Cvetković, Lj., Convergence theory of relaxation methods for solving systems of equations. (in Serbian), *Ph.D. Dissertation*, Faculty of Science, Novi Sad, 1987, 96 pgs.
21. Cvetković, Lj., Herceg, D., Nonlinear AOR method. *Z. angew. Math. Mech.* **68** (1988), 486–487.
22. Cvetković, Lj., Herceg, D., The AOR method for solving linear interval equations. *Computing* **41** (1989), 359–364.
23. Herceg, D., Cvetković, Lj., On a method for solving almost linear system of equations. *Univ. u Novom Sadu, Zb. Rad. Prirod.-Mat. Fak. Ser. Mat.* **21**, **1** (1991), 15–22.
24. Herceg, D., Cvetković, Lj., A combination of relaxation methods and method of averaging functional corrections. *Numerical Methods and Approximation Theory III, Milovanović, G.V., ed.*, Faculty of Electronic Engineering, Niš, 1988, 241–249.
25. Herceg, D., Cvetković, Lj., On the extrapolation method and USA algorithm. *Journal of Economic Dynamics and Control* **13** (1989), 301–311.
26. Herceg, D., Cvetković, Lj., Convergence of the accelerated overrelaxation method. *Appl. Mat.* **34**, **6** (1989), 475–479.
27. Cvetković, Lj., Herceg, D., A modification of the overrelaxation method. *Z. angew. Math. Mech.* **69** (1989), 187–188.
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58. Cvetković, Lj., Grabovac, M., Global convergence of the relaxation method for almost linear systems. *Bull. Appl. Math.* **1668** (1999) (XC-A), 69–76.
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## Books and Monographs

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10. Cvetković Lj., Kvantitativne i kvalitativne metode za obradu podataka. *Symbol*, Novi Sad, 2011.
11. Cvetković Lj., Finansijska matematika. *A Dizajn*, Sarajevo, 2014.

12. Cvetković Lj., NUMELA 1. *Edicija "Tehničke nauke - udžbenici" 540*, Fakultet tehničkih nauka, Novi Sad, 2015.
13. Cvetković Lj., Kostić V., NUMELA 1 – kolekcija vežbi. *Edicija "Tehničke nauke - udžbenici" 546*, Fakultet tehničkih nauka, Novi Sad, 2015.
14. Cvetković Lj., Kostić V., Šanca, E., *Poslovna statistika - zbirka zadataka*. Educons Univerzitet, 2019.

## Conferences Participated

1. Third Conference on Applied Mathematics, Novi Sad, June 7-9, 1982.
2. Fourth Conference on Applied Mathematics, Split, May 28-30, 1984.
3. Numerical Methods and Approximation Theory I, Niš, September 26-28, 1984.
4. GAMM wissenschaftliche Jahrestagung 1985, Dubrovnik, April 1-4, 1985.
5. Numerical Methods and Approximation Theory II, Novi Sad, September 4-6, 1985.
6. GAMM wissenschaftliche Jahrestagung 1986, Dortmund, April 1-4, 1986.
7. Fifth Conference on Applied Mathematics, Ljubljana, September 2-5, 1986.
8. GAMM wissenschaftliche Jahrestagung 1987, Stuttgart, April 13-17, 1987.
9. Third Conference on Numerical Methods and Approximation Theory, Niš, August 18-21, 1987.
10. GAMM wissenschaftliche Jahrestagung 1988, Wien, April 5-9, 1988.
11. Sixth Conference on Applied Mathematics, Tara, August 31-September 3, 1988.
12. GAMM wissenschaftliche Jahrestagung 1989, Karlsruhe, March 28-31, 1989.
13. Seventh Conference on Applied Mathematics, Osijek, September 13-15, 1989.
14. GAMM wissenschaftliche Jahrestagung 1990, Hannover, April 8-12, 1990.
15. Pannonian Applied Mathematical & Mechanical Meetings, Annual Central Meeting, Balatonfüred, May 9-12, 1991.
16. Pannonian Applied Mathematical & Mechanical Meetings, Year Close Meeting, Göd, October 25-27, 1991.
17. GAMM wissenschaftliche Jahrestagung 1993, Dresden, April 12-16, 1993.
18. Eighth Conference on Applied Mathematics, Tivat, May 27-29, 1993.
19. Pannonian Applied Mathematical & Mechanical Meetings, Year Close Meeting, Göd, October 22-25, 1993.
20. Ninth Conference on Applied Mathematics, Budva, May 30 - June 1, 1994.
21. Pannonian Applied Mathematical & Mechanical Meetings, Year Close Meeting, Göd, October 13-16, 1994.
22. 9th Congress of Yugoslav Mathematicians, Petrovac, May 22-27, 1995.
23. Tenth Conference on Applied Mathematics, Budva, May 29-31, 1995.
24. Pannonian Applied Mathematical & Mechanical Meetings, Year Close Meeting, Göd, October -, 1995.
25. Pannonian Applied Mathematical & Mechanical Meetings, Annual Central Meeting, Balatonalmádi, May 1-5, 1996.
26. Eleventh Conference on Applied Mathematics, Budva, June 3-6, 1996.
27. The Second World Congress of Nonlinear Analysts, Athens, July 10-17, 1996.
28. The 116th Pannonian Applied Mathematical Conference, Göd, October 10-13, 1996.

29. The Czech-US Workshop on Iterative Methods and Parallel Computing, Milovy, June 16-21, 1997.
30. Twelvth Conference on Applied Mathematics, Palić, September 8-12, 1997.
31. The 120th Pannonian Applied Mathematical Conference, Göd, January 22-26, 1998.
32. The 121st Pannonian Applied Mathematical Conference, Balatonalmádi, May 7-10, 1998.
33. Seventh Conference of the International Linear Algebra Society "Hans Schneider Linear Algebra" Conference, Madison, Wisconsin, USA, June 3-6, 1998.
34. VII Vserossiiskoe soveshchanie "Problemy postroeniya setok dlya resheniya zadach matematicheskoi fiziki", Novorossiisk, Rossiya, 6-10 sentyabrya 1998.
35. XII Vserossiiskaya konferenciya "Teoreticheskie osnovy i konstruirovaniye chislennykh algoritmov resheniya zadach matematicheskoi fiziki", Novorossiisk, Rossiya, 9-13 sentyabrya 1998.
36. 7<sup>th</sup> Interdisciplinary Symposium "Sport, Physical Activities and Health in the Third Millennium", Novi Sad, September 17-18, 1999.
37. The 126th Pannonian Applied Mathematical Conference, Göd, October, 1999.
38. The 129th Pannonian Applied Mathematical Conference, Balatonalmádi, May 25-28, 2000.
39. The 130th Pannonian Applied Mathematical Conference, Göd, October, 2000.
40. 5<sup>th</sup> IMACS Conference on Iterative Methods in Scientific Computing, FORTH, Heraklion, Crete, Greece, May 28-31, 2001.
41. The 132nd Pannonian Applied Mathematical Conference, Göd, 2001.
42. The 134th Pannonian Applied Mathematical Conference, Göd, January 24-27, 2002.
43. The 135th Pannonian Applied Mathematical Conference, Balatonalmádi, May 23-26, 2002.
44. GAMM 2003, Abano Terme – Padua, Italy, March 24-28, 2003.
45. The 138th Pannonian Applied Mathematical Conference, Balatonalmádi, May -, 2003.
46. SIAM Conference on Applied Linear Algebra, Williamsburg, VA, July 15-19, 2003.
47. GAMM 75<sup>th</sup> Annual Meeting, Dresden, Germany, March 21-27, 2004.
48. 11<sup>th</sup> Conference of the International Linear Algebra Society (ILAS), Coimbra, Portugal, July 19-22, 2004.
49. MAT-TRIAD 2005 – three days full of matrices, Będlewo, Poland, March 3-5, 2005.
50. GAMM 76<sup>th</sup> Annual Meeting, Luxembourg, Luxembourg, March 28 - April 1, 2005.
51. FoCM (Foundations of Computational Mathematics), Santander, Spain, June 30 - July 9, 2005.
52. ICNAAM 2005 (International Conference of Numerical Analysis and Applied Mathematics), Rhodes, Greece, September 16-20, 2005.
53. Applied Linear Algebra – in honor of Richard Varga, Palić, SCG, October 13-15, 2005.
54. 13<sup>th</sup> Conference of the International Linear Algebra Society (ILAS), Amsterdam, Netherlands, July 18-21, 2006.
55. Joint GAMM-SIAM Conference on Applied Linear Algebra, Düsseldorf, Germany, July 24-27, 2006.
56. The First International Conference on Numerical Algebra and Scientific Computing (NASC06), Beijing, China, October 22-25, 2006. (invited as plenary speaker)
57. MAT-TRIAD 2007, Będlewo, Poland, March 22-24, 2007.
58. Computational Methods with Applications, Harrachov, Czech Republic, August 19 - 25, 2007.

59. GAMM 79<sup>th</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Bremen, Germany, March 31 - April 4, 2008.
60. Applied Linear Algebra – in honor of Ivo Marek, Novi Sad, Serbia, April 28-30, 2008.
61. FoCM (Foundations of Computational Mathematics), Hong Kong, June 16-26, 2008. (invited for Workshop B5 Numerical Linear Algebra)
62. Conference in Numerical Analysis (NumAn) Honoring Richard S. Varga on his 80th birthday, Kalamata, Greece, September 1-5, 2008.
63. Meeting on Linear Algebra, Matrix Analysis and Applications (LAMAA), Vitoria-Gasteiz, Spain, September 25-26, 2008. (invited as plenary speaker)
64. Numerical Analysis and Scientific Computing (NASCom), Rostov-on-Don, Russia, October 13-17, 2008. (invited as plenary speaker)
65. MAT-TRIAD 2009, Będlewo, Poland, March 23-27, 2009.
66. NASCA (Numerical Analysis and Scientific Computing with Applications), Agadir, Morocco, May 18-22, 2009.
67. GAMM 81<sup>st</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Karlsruhe, Germany, March 22-26, 2010.
68. Applied Linear Algebra – in honor of Hans Schneider, Novi Sad, Serbia, May 24-28, 2010.
69. Coimbra Meeting on 0-1 Matrix Theory and Related Topics, Coimbra, Portugal, June 17-19, 2010.
70. GAMM 82<sup>nd</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Graz, Austria, April 18-21, 2011.
71. MAT-TRIAD 2011, Tomar, Portugal, July 12-16, 2011.
72. ICIAM 2011, Vancouver, BC, Canada, July 18-22, 2011. (Minisymposium organizer)
73. SC 2011 (International Conference on Scientific Computing), S. Margherita di Pula, Sardinia, Italy, October 10-14, 2011.
74. GAMM 83<sup>rd</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Darmstadt, Germany, March 26-30, 2012.
75. Fifth Conference on Numerical Analysis (NumAn 2012) - Recent Approaches to Numerical Analysis: Theory, Methods and Applications, Ioannina, Greece, September 5-8, 2012.
76. The Fourth International Conference on Numerical Algebra and Scientific Computing (NASC 2012), Dalian, P.R.China, October 20-24, 2012. (plenary speaker)
77. GAMM 84<sup>th</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), Novi Sad, Serbia, March 18-22, 2013.
78. ILAS 18th International Linear Algebra of the International Society Conference, Providence, RI, USA, June 3-7, 2013.
79. PIM Preconditioning of Iterative Methods - in honor of Ivo Marek's 80th birthday, Prague, Czech Republic, July 1-5, 2013. (invited as plenary speaker)
80. MAT TRIAD 2013, Herceg Novi, Montenegro, September 16-20, 2013.
81. International Conference on Biological, Physical and Life Sciences (BPLS), Dubai, UAE, January 28-29, 2014.
82. The Third China-Russia Conference on Numerical Algebra with Applications (CRCNAA 2014), Jiayuguan, China, July 16-20, 2014. (invited as plenary speaker)
83. 19th Conference of the International Linear Algebra Society (ILAS), Seoul, Korea, August 6-9, 2014. (invited as plenary speaker)
84. MAT TRIAD 2015, Coimbra, Portugal, September 7-11, 2015. (member of the Scientific Committee)

85. ICNSAM 2016 International Conference on Natural Science and Applied Mathematics, Dubai, April 7-9, 2016.
86. The Twelfth International Conference on Matrix Theory and Applications, Lanzhou City, Gansu Province, P.R. China, July 22-26, 2016 (invited as plenary speaker)
87. MAT TRIAD 2017, Będlewo, Poland, September 25-29, 2017 (member of the Scientific Committee)
88. The 36th International Conference of the System Dynamics Society, Reykjavík, Iceland, August 6-10, 2018.
89. The 9th IEEE Annual Computing and Communication Workshop and Conference (IEEE CCWC 2019), Las Vegas, USA, January 7-9, 2019.
90. MAT TRIAD 2019, Liblice, Czech Republic, September 8-13, 2019 (member of the Scientific Committee)
91. The Ninth China-Russia Conference on Numerical Algebra with Applications (CRCNAA 2020), Nantong, P.R. China, July 10-15, 2020 (invited as plenary speaker), postponed due to COVID situation.
92. The Fourteenth International Conference on Matrix Theory and Applications, Qingdao City, Shandong Province, P.R. China, July 17-22, 2020 (invited as plenary speaker), postponed due to COVID situation.

### **Conferences Organized**

1. Secretary of the Organizing Committee, Second Conference on Numerical Methods and Approximation Theory, Novi Sad, 1985.
2. Chair of the Organizing Committee and Member of the Scientific Committee, Ninth Conference on Applied Mathematics, Budva, 1994.
3. Member of the Scientific Committee, 9th Congress of Yugoslav Mathematicians, Petrovac, 1995.
4. Chair of the Organizing Committee and Member of the Scientific Committee, Tenth Conference on Applied Mathematics, Budva, 1995.
5. Member of the Organizing Committee, LIRA '95, Novi Sad, 1995.
6. Chair of the Organizing Committee and Member of the Scientific Committee, Eleventh Conference on Applied Mathematics, Budva, 1996.
7. Member of the Scientific Committee, Twelfth Conference on Applied Mathematics, Palić, 1997.
8. Chair of the Organizing Committee and Chair of the Scientific Committee, Applied Linear Algebra – in honor of Richard Varga, Palić, SCG, October 13-15, 2005.
9. Member of the Scientific Committee, The First International Conference on Numerical Algebra and Scientific Computing (NASCOM6), Beijing, China, October 22-25, 2006.
10. Member of the Scientific Committee, MAT-TRIAD 2007, Będlewo, Poland, March 22-24, 2007.
11. Session organizer (Applied and Numerical Linear Algebra), GAMM Annual Meeting 2008, Bremen, Germany, 31 March – 4 April 2008.
12. Chair of the Organizing Committee and Chair of the Scientific Committee, Applied Linear Algebra – in honor of Ivo Marek, Novi Sad, Serbia, April 28-30, 2008.
13. Member of the Scientific Committee, Numerical Analysis and Scientific Computing (NASCOM), Rostov-on-Don, Russia, October 13-17, 2008.
14. Member of the Scientific Committee, MAT-TRIAD 2009, Będlewo, Poland, March 23-27, 2009.

15. Chair of the Organizing Committee and Chair of the Scientific Committee, Applied Linear Algebra – in honor of Hans Schneider, Novi Sad, Serbia, May 24-28, 2010.
16. Member of the Scientific Committee, MAT-TRIAD 2011, Tomar, Portugal, July 12-16, 2011.
17. Member of the Scientific Committee, Современные проблемы математического моделирования, Дюрсо, Russia, September 12-17, 2011.
18. Member of the Scientific Committee, GAMM 2013, Novi Sad, Serbia, March 18-22, 2013.
19. Member of the Scientific Committee, ILAS 2013, Providence, RI, USA, June 3-7, 2013.
20. Member of the Scientific Committee, MAT-TRIAD 2013, Herceg-Novi, Montenegro, September 16-20, 2013.
21. Member of the Scientific Committee, MAT-TRIAD 2015, Coimbra, Portugal, September 7-11, 2015.
22. Member of the Scientific Committee, NASC 2016, Hangzhou, China, October 22-26, 2016.
23. Member of the Scientific Committee, MAT-TRIAD 2017, Bedlewo, Poland, September 25-29, 2017.
24. Member of the Scientific Committee, MAT-TRIAD 2019, Liblice, Czech Republic, September 8-13, 2019.
25. Member of the Steering Committee, The Seventh International Conference on Numerical Algebra And Scientific Computing (NASC 2019), Nanjing, China October 19-23, 2019.

### **Invited Lectures**

1. University of Karlsruhe, Germany, 1989.
2. University of Niš, Yugoslavia, 1990.
3. Kent State University, Kent, Ohio, USA, 1992.
4. University of Podgorica, Yugoslavia, 1995.
5. Banach Center Warszawa, Poland, 1997.
6. at the Conference No. 35, 1998.
7. University of Belgrade, Yugoslavia, 2000.
8. Rostov University, Russia, 2004.
9. at the Conference No. 53, 2005.
10. Kent State University, Kent, Ohio, USA, 2006.
11. University of Belgrade, Yugoslavia, 2006.
12. at the Conference No. 56, 2006.
13. Chinese Academy of Science, Beijing, China, 2007.
14. Fudan University, Shanghai, China, 2007.
15. University of Zaragoza, Spain, 2008.
16. at the Conference No. 61, 2008.
17. at the Conference No. 63, 2008.
18. at the Conference No. 64, 2008.
19. Banach Center Warszawa, Poland, 2009.
20. Adam Mickiewicz University, Poznan, Poland, 2010.
21. Technical University, Prague, Czech Republic, 2010.
22. University of Zaragoza, Spain, 2010.

23. at the Conference No. 71, 2011.
24. University of Wuppertal, Germany, 2012.
25. Mathematical Institute of the Serbian Academy of Sciences and Arts, 2012.
26. University of Zaragoza, Spain, 2012.
27. At the Conference No. 76, Dalian, China, 2012.
28. Chinese Academy of Science, Beijing, China, 2012.
29. At the Conference No. 79, 2013.
30. At the Conference No. 82, 2014.
31. At the Conference No. 83, 2014.
32. At the Conference No. 86, 2016.
33. At the Conference No. 91, 2020.
34. At the Conference No. 92, 2020.

### PhD Thesis Advisor

1. Vladimir Kostić, Faculty of Science, University of Novi Sad, 2010.
2. Ksenija Doroslovački, Faculty of Technical Sciences, University of Novi Sad, 2014.
3. Maja Nedović, Faculty of Technical Sciences, University of Novi Sad, 2016.
4. Abear Aboghlida Saed Saed, Faculty of Science, University of Novi Sad, 2019.
5. Ernest Šanca, Faculty of Science, University of Novi Sad, ???

### Editing Activities

Editor of proceedings:

- ❑ Herceg, D., Cvetković, Lj., IX Conference on Applied Mathematics, Budva, May 30 - June 1, 1994, Institute of Mathematics, University of Novi Sad, Novi Sad, 1995.
- ❑ Herceg, D., Cvetković, Lj., X Conference on Applied Mathematics, Budva, May 29 - 31, 1995, Institute of Mathematics, University of Novi Sad, Novi Sad, 1996.
- ❑ Cvetković, Lj., International workshop Mathematics and Sport, Novi Sad, December, 12, 2002.

Guest editor:

- ❑ Numerical Algorithms, Proceedings of ALA 2005 (Benzi, M., Cvetković, Lj., Neumann, M., Szulc, T.)
- ❑ Linear Algebra Applications, Special Issue in Honor of Richard S. Varga (Cvetković, Lj., Frommer, A., Kolotilina, L., Szyld, D.)
- ❑ Numerical Linear Algebra with Applications, Proceedings of ALA 2008
- ❑ Linear Algebra Applications, Proceedings of ALA 2010 (Butkovic, P., Cvetković, Lj., Frommer, A., Tsatsomeros, M.)
- ❑ CEJM Topical Issue "Advances in Numerical Analysis and Numerical Linear Algebra" (Cvetković, Lj., Korotov, S., Nistor, V., Vulkov, L.)
- ❑ ELA – Electronic Journal of Linear Algebra, Proceedings of MAT TRIAD 2011 (Baksalary, O., Cvetković, Lj., Puntanen, S., Bebiano, N.)
- ❑ PAMM GAMM 2013
- ❑ CEJM Topical Issue "Matrix properties" (Cvetković, Lj., Szulc, T., Markiewicz, A.)

- ❑ Linear Algebra Applications, Proceedings of ILAS 2014 (Cvetković, Lj., Frommer, A., Hwang, S.-G., Šmigoc, H., Zhang, F.)

Editorial Board for the following journals:

- ❑ Sportmont
- ❑ Central European Journal of Mathematics
- ❑ NSJOM. Novi Sad, Serbia

Referee for:

- ❑ Journal for Computational and Applied Mathematics
- ❑ Linear Algebra and its Applications
- ❑ Numerical Linear Algebra with Applications
- ❑ Numerical Algorithms
- ❑ Applied Numerical Mathematics
- ❑ Applied Mathematics and Computation
- ❑ Journal of Mathematical Analysis and Applications
- ❑ International Journal of Computer Mathematics
- ❑ Czechoslovak Mathematical Journal
- ❑ Bulletin of Iranian Mathematical Society
- ❑ Optimization Methods and Software
- ❑ Applied Mathematics Letters
- ❑ JCM
- ❑ Linear and Multilinear Algebra
- ❑ SIMAX
- ❑ Operators and Matrices
- ❑ BIT
- ❑ JAM
- ❑ Inequalities
- ❑ Journal of Mathematical Research with Applications
- ❑ Open Mathematics
- ❑ Computational and Applied Mathematics
- ❑ Journal of Mathematical Inequalities

### **Seminar Lectures**

1. Advanced Technical School, University of Novi Sad, 1985–1987.
2. Faculty of Law, University of Novi Sad, 1994.
3. Faculty of Physical Education, University of Novi Sad, 1994–2004.
4. Faculty of Science, University of Podgorica, 1997.
5. Faculty of Humanities and Social Sciences, University of Novi Sad, 2000–2005.
6. Advanced Business School, Novi Sad, 2001-2003.
7. College for Trainers and Managers in Sports, 1999-2003.

8. FABUS Novi Sad, 2005-2010.
9. EDUCONS Novi Sad, 2010-present.
10. Faculty of Technical Sciences, PhD studies, 2012-present.

## Honors

- Deputy Minister of education and culture of Vojvodina, 1990-1992.
- Vice dean, Institute of Mathematics, Faculty of Science, University of Novi Sad, 1993-1996.
- Head of the Research Center SC:ALA, since 2008.
- Member of the Advisory Committee of *Provincial Key Laboratory of Engineering and Scientific Computing*, Taiyuan Normal University, Taiyuan, Shanxi Province, P.R.China