

LIČNE INFORMACIJE



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TEME ISTRAŽIVANJA

Planiranje kretanja, Interakcija čovjek-robot, Upravljanje robotskim manipulatorima, Identifikacija sistema, Mašinsko učenje

AKADEMSKO RADNO ISKUSTVO

maj 2016. - **Vanredni profesor**

Odsjek za automatiku i elektroniku, Elektrotehnički fakultet, Univerzitet u Sarajevu

oktobar 2021. - februar 2022. **Gostujući profesor**

Department of Electronics, Information and Bioengineering (Dipartimento di Elettronica, Informazione e Bioingegneria), Politecnico di Milano, Milano, Italija

oktobar 2011. do maj 2016. **Docent**

Odsjek za automatiku i elektroniku, Elektrotehnički fakultet, Univerzitet u Sarajevu

januar 2008. - januar 2011. **Doktorski kandidat**

Dipartimento di Elettronica e Informazione, Politecnico di Milano, Milano, Italija

juni 2004. - januar 2008. **Asistent/Viši asistent**

Odsjek za računarstvo i informatiku, Odsjek za automatiku i elektroniku, Elektrotehnički fakultet, Univerzitet u Sarajevu

DRUGO PROFESIONALNO ISKUSTVO

septembar 2012. - **Konsultant**

Povremeni angažman u nekoliko kompanija (Mašinsko učenje, Algoritmi upravljanja, Statistička analiza, Optimizacija, Računarska vizija)

EDUKACIJA

februar 2011. **Doktor nauka**

Disertacija: *Safe Motion Planning and Control for Robotic Manipulators*

Mentor: Prof. Paolo Rocco

Područje istraživanja: Robotika, Automatika

Sporedna disertacija (minor thesis): *On Population Diversity Measures*

Mentor: Prof. Edoardo Amaldi

Područje istraživanja: Računarska geometrija, Diskretna geometrija, Operaciona istraživanja
Politecnico di Milano, Milano, Italija

mart 2007. **Magistar nauka**

Teza: *Podešavanje Parametara Upravljačkih Zakona Primjenom Genetičkog Algoritma*

Mentor: Prof. Zikrija Avdagić

Područje istraživanja: Automatika, Računarska inteligencija

Univerzitet u Sarajevu, Elektrotehnički fakultet, Sarajevo, Bosna i Hercegovina

decembar 2003. **Diplomirani inženjer**

Teza: *Genetički Algoritam sa Adaptivnim Operatorima za Podešavanje Parametara Neuronskog Kontrolera*

Mentor: Prof. Zikrija Avdagić

Područje istraživanja: Automatika, Računarska inteligencija

Univerzitet u Sarajevu, Elektrotehnički fakultet, Sarajevo, Bosna i Hercegovina

ISKUSTVO U NASTAVI

juni 2004. - oktobar 2007. **Asistent**

Odsjek za automatiku i elektroniku, Odsjek za računarstvo i informatiku, Elektrotehnički fakultet, Univerzitet u Sarajevu

Predmeti: Matematika 1, Inženjerska matematika 1, Inženjerska matematika 2, Inženjerska matematika 3, Robotika i upravljanje proizvodnih sistema, Teorija automatskog upravljanja, Linearni sistemi upravljanja, Vještačka inteligencija

oktobar 2007. decembar 2007.,
februar 2011. - oktobar 2011. **Viši asistent**

Odsjek za automatiku i elektroniku, Odsjek za računarstvo i informatiku, Elektrotehnički fakultet, Univerzitet u Sarajevu

Predmeti: Robotika i upravljanje proizvodnih sistema, Teorija automatskog upravljanja, Linearni sistemi upravljanja, Vještačka inteligencija, Modeliranje i simulacija, Identifikacija sistema

oktobar 2011. do sada **Odgovorni nastavnik**

Odsjek za automatiku i elektroniku, Elektrotehnički fakultet, Univerzitet u Sarajevu

Predmeti: Robotika 1, Modeliranje i simulacija, Identifikacija sistema

LIČNE VJEŠTINE

Maternji jezik bosanski

Strani jezici

	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Usmena interakcija	Usmeno izražavanje	
engleski	C2	C2	C2	C2	C2
talijanski	B1	B2	B1	B1	B2
njemački	A1	B1	A2	A2	B1

Nivoi: A1 i A2: Osnovna upotreba jezika - B1 i B2: Samostalna upotreba jezika - C1 i C2: Napredna upotreba jezika

[Zajednički evropski referentni okvir za jezike](#)

UČEŠĆE U PROJEKTIMA I
STUDIJAMA

SPEAR - Senzorski bazirano Planiranje krEtanja kolAborativnih Robota (Ministarstvo obrazovanja i nauke Kantona Sarajevo) 2019 - 2020 (voditelj)

ITEAM - Interdisciplinary Training Network in Multi-Actuated Ground Vehicles (H2020-MSCA ITN-2015 Marie Skłodowska-Curie Innovative Training Networks grant agreement No 675999) 2016 - 2019 (istraživač)

MORUS Project - Unmanned systems for maritime security and environmental monitoring, funded by NATO SfP (istraživač)

Opremanje laboratorije za robotiku Elektrotehničkog fakulteta Univerziteta u Sarajevu, Federalno ministarstvo obrazovanja i nauke, 2011-2012 (voditelj projekta)

Transportni sistem za vodeno odlaganje pepela u TE Oslomej - Modeliranje i regulacija podsistema kondicionera, ENERGOINVEST d.d. Sarajevo, 2012 (ko-voditelj projekta)

ROSETTA - Robot control for Skilled ExecuTion of Tasks in natural interaction with humans; based on Autonomy, cumulative knowledge and learning (funded by the European Union under the FP7 grant 230902), 2009-2013 (istraživač)

Tempus Cards - Entwicklung von Lehrplaenen und Veranstaltungen fuer ein dreistufiges Informatikstudium mit internationalen Abschlussen (granted by EU), Paderborn University, 2005 (učesnik)

Navigacija mobilnih robota u 2D i 3D nestruktuiranim sredinama, Kantonalno ministarstvo obrazovanja i nauke, 2004 (istraživač)

Autonomous Robot System for Improving the Quality of Life, (granted by the WUS (World University Service), Graz), 2003-2004 (istraživač)

Intelligente Regler fuer ein Komplexes Nichtlineares Servosystem (granted by DAAD), im Rahmen des BIHSP-Stipendienprogrammes, Friedrich Alexander Univeristy, Erlangen-Nuernberg, 2002-2003 (istraživač)

ULOGI RECENZENTA

IEEE Transactions on Robotics
IEEE Transactions on Automation Science and Engineering
IEEE Robotics and Automation Letters
IEEE/ASME Transactions on Mechatronics
Control Engineering Practice
International Journal of Control
Robotica
IFAC Mechatronics
Robotics and Computer-Integrated Manufacturing
Robotics and Autonomous Systems

IEEE International Conference on Robotics and Automation, ICRA
IEEE/RSJ International Conference on Robots and Intelligent Systems, IROS
The Robotics: Science and Systems Conference, RSS
IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM

ČLANSTVO U PROFESIONALNIM DRUŠTVIMA

Institute for Electrical and Electronics Engineers (IEEE), 2005-
IEEE Robotics and Automation Society (2010-)
IEEE Computational Intelligence Society (2005-2008)
IEEE Control Systems Society (2006-2008)
IEEE Industrial Electronics Society (2005-2007)

RADOVI OBJAVLJENI U ČASOPISIMA

1. B. LACEVIC, A.M. Zanchettin, P. Rocco, Safe Human-Robot Collaboration via Collision Checking and Explicit Representation of Danger Zones, **IEEE Transactions on Automation Science and Engineering**, pp 1-116, 2022
2. N. Lucci, B. LACEVIC, A.M. Zanchettin, P. Rocco, Combining Speed and Separation Monitoring with Power and Force Limiting for Safe Collaborative Robotics, **IEEE Robotics and Automation Letters** 5 (4), 6121-6128, 2020
3. N., Covic, B. LACEVIC, Wingsuit Flying Search — A Novel Global Optimization Algorithm, **IEEE Access**, 8, pp 53883-53900, 2020
4. A.M. Zanchettin B. LACEVIC, P. Rocco Passivity-Based Control of Robotic Manipulators for Safe Cooperation with Humans, **International Journal of Control**, Taylor and Francis, Vol. 88, Iss. 2, pp 429-439, 2015.

5. B. LACEVIC, P. Rocco, A.M. Zanchettin Safety Assessment and Control of Robotic Manipulators Using Danger Field, **IEEE Transactions on Robotics**, vol.29, no.5, pp 1257-1270, October, 2013
6. B. LACEVIC, P. Rocco Safety-Oriented Path Planning for Articulated Robots, **Robotica**, Cambridge University Press, 31 (06), pp 861-874, September, 2013.
7. B. LACEVIC, J. Velagic Evolutionary Design of Fuzzy Logic Based Position Controller for Mobile Robot, **Journal of Intelligent & Robotic Systems**, Springer, Vol. 63, Issue 3-4, pp 595-614, September 2011.
8. B. LACEVIC, E. Amaldi Entropy of Diversity Measures for Populations in Euclidean Space, **Information Sciences**, Elsevier, Vol. 181, No. 11, pp 2316-2339, June 2011.
9. B. LACEVIC, P. Rocco. Closed Form Solution to Controller Design for Human-Robot Interaction, **ASME Journal of Dynamic Systems, Measurement, and Control**, Vol. 133, No. 2, March 2011.
10. L. Bascetta, P. Bolzern, G. Ferretti, B. LACEVIC, A. Locatelli, G. Magnani, P. Rocco, N. Schiavoni, A.M. Zanchettin Robotica Industriale Umano-Centrica: il Progetto ROSETTA, **Automazione e Strumentazione**, pp. 75-79, June 2011.
11. J. Velagic, N. Osmic, B. LACEVIC Neural Network Controller for Mobile Robot Motion Control, **International Journal of Intelligent Systems and Technologies**, Vol. 3, No.3, pp. 127-132, 2008.
12. A. Talic, Z. Hadziahmetovic, M. Hebibovic, B. LACEVIC Computer-aided Preoperative Planning of Corrective Wedge Diaphysar Osteotomies of the Tibia - Simulation Model, **Acta Informatica Medica**, Vol. 16, No. 1, pp. 14-16, 2008.
13. J. Velagic, B. LACEVIC, B. Perunicic A 3-Level Autonomous Mobile Robot Navigation System Designed by Using Reasoning/Search Approaches, **Robotics and Autonomous Systems**, Elsevier, Vol. 54, No. 12, pp. 989-1004, 2006.
14. M. Hebibovic, B. LACEVIC, J. Velagic, S. Alagic, I. Kulenovic, Computer Simulation and Mathematical Model of Blood Glucose Behaviour, **Medical Archive (MedArh)**, Vol. 58, No. 2., pp. 122-124, 2004.

RADOVI OBJAVLJENI NA KONFERENCIJAMA

1. Covic N., LACEVIC, B., Osmankovic D., Path Planning for Robotic Manipulators in Dynamic Environments Using Distance Information. In 2021 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) (pp. 4708-4713). IEEE, September 2021.
2. Ajanovic, Z., Klomp, M., LACEVIC, B., Shyrokau, B., Pretto, P., Islam, H., Stettinger, G. and Horn, M., Validating SuperHuman Automated Driving Performance. In 2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC) (pp. 3860-3867). IEEE, October, 2020.
3. LACEVIC, B., Zanchettin, A.M., and Rocco, P., "Towards the Exact Solution for Speed and Separation Monitoring for Improved Human-Robot Collaboration." 2020 29th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN). IEEE, 2020.
4. LACEVIC, B., and Osmankovic, D., "Improved C-space exploration and path planning for robotic manipulators using distance information." 2020 IEEE International Conference on Robotics and Automation (ICRA). IEEE, 2020.
5. Obarcanin, K., LACEVIC, B., and Ermidoro, M., "A High-Voltage Circuit Breaker Condition Assessment Method using the Vibration Fingerprint based on VMD-EM method." 2020 IEEE International Instrumentation and Measurement Technology Conference (I2MTC). IEEE, 2020.
6. Ajanovic, Z., Beglerovic, H. and LACEVIC, B., "A novel approach to model exploration for value function learning", RSS 2019 Workshop on Combining Learning and Reasoning – Towards Human-Level Robot Intelligence, June 2019.
7. Ajanovic, Z., LACEVIC, B., Shyrokau, B., Stolz, M. and Horn, M., "Search-based optimal motion planning for automated driving", IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) (pp. 4523-4530), October, 2018.

8. Ajanovic, Z., LACEVIC, B., Stettinger, G., Watzenig, D. and Horn, M., "Safe learning-based optimal motion planning for automated driving", ICML / IJCAI / AAMAS 2018 Workshop on Planning and Learning (PAL-18), July, 2018.
9. LACEVIC, B. and Osmankovic, D., "Path Planning for Rigid Bodies Using Burs of Free C-Space", IFAC, IEEE RAS Symposium on Robot Control (SYROCO 2018) pp.280-285, August, 2018.
10. LACEVIC, B., Osmankovic, D. and Ademovic, A., "Path planning using adaptive burs of free configuration space", XXVI International Conference on Information, Communication and Automation Technologies (ICAT) (pp. 1-6), October, 2017.
11. Trivun, D., Dindo, H. and LACEVIC, B., "Resilient hexapod robot", XXVI International Conference on Information, Communication and Automation Technologies (ICAT) (pp. 1-6), October, 2017.
12. Kuric, M., LACEVIC, B., Osmic, N. and Tahirovic, A., "RLS-based fault-tolerant tracking control of Multirotor Aerial Vehicles", IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2017) (pp. 1148-1153), July, 2017.
13. Osmankovic, D. and LACEVIC, B., "Rapidly exploring bur trees for optimal motion planning", In IEEE International Conference on Systems, Man, and Cybernetics (SMC 2016) (pp. 002085-002090), LACEVIC, October, 2016.
14. Ademovic, A. and LACEVIC, B., "Path planning for robotic manipulators using expanded bubbles of free c-space", IEEE International Conference on Robotics and Automation (ICRA 2016), (pp. 77-82), May, 2016.
15. LACEVIC, B., Osmankovic, D. and Ademovic, A., "Burs of free c-space: a novel structure for path planning", IEEE International Conference on Robotics and Automation (ICRA) (pp. 70-76), May, 2016.
16. Ademovic, A., LACEVIC, B., "Path Planning for Robotic Manipulators via Bubbles of Free Configuration Space: Evolutionary Approach," Control and Automation (MED), 2014 22nd Mediterranean Conference on, pp 1323-1328, 16-19 June 2014
17. Zanchettin, A.M., LACEVIC, B., Rocco, P. "A Novel Passivity-Based Control Law for Safe Human-Robot Coexistence", IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS 2012, Vilamoura, Algarve (Portugal), October 2012.
18. Zanchettin, A.M., LACEVIC, B. "Sensor-Based Trajectory Generation for Safe Human-robot Cooperation", IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS 2012, Workshop on Robot Motion Planning: Online, Reactive, and in Real-Time, Vilamoura, Algarve (Portugal), October 2012.
19. LACEVIC, B., Rocco, P. and Strandberg, M. "Safe Motion Planning for Articulated Robots Using RRTs", International Symposium on Information, Communication and Automation Technologies (ICAT 2011), Sarajevo, Bosnia and Herzegovina, October 2011
20. LACEVIC, B., Rocco, P. "Safety-Oriented Planning and Control Using Danger Field", The 4th International Workshop on Human-Friendly Robotics (HFR 2011), University of Twente, The Netherlands.
21. LACEVIC, B. and Rocco, P. "Safety-Oriented Control of Robotic Manipulators - A Kinematic Approach", 18th World Congress, International Federation of Automatic Control, IFAC
22. LACEVIC, B. and Rocco, P. "Towards a Complete Safe Path Planning for Robotic Manipulators", IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2010), Taipei, Taiwan, October 2010.
23. LACEVIC, B. and Rocco, P. "Kinetostatic Danger Field - A Novel Safety Assessment for Human-Robot Interaction", IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2010), Taipei, Taiwan, October 2010.
24. LACEVIC, B. and Rocco, P. "Sampling-Based Safe Path Planning for Robotic Manipulators", IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2010), Bilbao, Spain, September 2010.
25. Bascetta, L., Ferretti, G., LACEVIC, B., Magnani, G., Rocco, P. and Zanchettin, A.M. "Robotica Industriale Umamo-Centrica: Il Progetto Rosetta", Convegno ANIPLA Motion Control 2010. Cinisello Balsamo, Novembre 10-11, 2010.

26. LACEVIC, B. and Amaldi, E. "On Population Diversity Measures in Euclidean Space", Evolutionary Computation (CEC), 2010 IEEE Congress on , vol., no., pp.1-8, 18-23 July 2010.
27. Tahirovic, A. and LACEVIC, B. "Possibilities of the Cross-Entropy Method Usage in the Control Theory", Proceedings of the 17th World Congress, International Federation of Automatic Control, IFAC, 2008.
28. Tanovic, O., Huseinbegovic, S. and LACEVIC, B. "Road Type Recognition Using Neural Networks for Vehicle Seat Vibration Damping," Signal Processing and Information Technology, 2008. ISSPIT 2008. IEEE International Symposium on, December 2008.
29. Salkanovic, N., LACEVIC, B., Perunicic, B. and Juric, Z. (2008) , "Parametric Identification of Plants With Multiple Delays and Internal Feedbacks Using Genetic Algorithm," Communications, Control and Signal Processing, 2008. ISCCSP 2008. 3rd International Symposium on, pp.425-429, 12-14 March 2008.
30. LACEVIC, J. and Velagic, J. "Design of Fuzzy Logic Based Mobile Robot Position Controller Using Genetic Algorithm," 2007 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM 2007), September 4-7, 2007, ETF Zurich, Switzerland.
31. LACEVIC, B., Konjicija, S., and Avdagic, Z. "Population Diversity Measure Based on Singular Values of the Distance Matrix", IEEE Congress on Evolutionary Computation, (CEC 2007), Singapore, September 25-28, 2007.
32. Velagic, J., LACEVIC, B. and Osmic, N. "Efficient Path Planning Algorithm for Mobile Robot Navigation With a Local Minima Problem Solving," IEEE International Conference on Industrial Technology (ICIT 2006), December 15-17, Mumbai, India, 2006.
33. Avdagic, Z., Konjicija, S., LACEVIC B. "Design of Neural Network Controller for Robotic Manipulator Based on Evolutionary Algorithms", Joint 3rd International Conference on Soft Computing and Intelligent Systems, September 20-24, 2006.
34. LACEVIC, B. and Velagic, J. "Stable Nonlinear Position Control Law for Mobile Robot Using Genetic Algorithm and Neural Network", World Automation Congress - International Symposium on Soft Computing for Industry, July 24-26, Budapest, Hungary, 2006.
35. Konjicija, S. Avdagic, Z. LACEVIC, B. "Genetic Algorithm with Adaptive Mutation Probability in Nonstationary Environments" 29th International Convention MIPRO 22-26 May, Opatija, Croatia, 2006.
36. Konjicija, S. Avdagic, Z. LACEVIC, B. "Performance of Genetic Algorithm with Adaptive Mutation Probability Dependant on Fitness in Dynamic Environments", 18th European Meeting on Cybernetics and Systems Research - EMCSR 2006, Vienna, Austria, April 18 - 21, 2006.
37. LACEVIC, B. and Velagic, J. "Reduction of Control Torques of Mobile Robot Using Hybrid Nonlinear Position Controller", EUROCON2005 - IEEE International Conference on "Computer as a tool", November 21-24, Belgrade, Serbia and Montenegro, 2005.
38. Aksamovic, A., Konjicija, S., LACEVIC, B., Velagic, J. and Perunicic, B. "Development of Modular Hierarchical Control Structure for an Autonomous Mobile Robot", International Conference on Electrical Drives and Power Electronics (EDPE2005), Dubrovnik, Croatia, 26-28 September, 2005.
39. Velagic, J., LACEVIC, B. and Hebibovic, M. "On-Line Identification of a Robot Manipulator Using Neural Network With an Adaptive Learning Rate", CD Proceedings of the 16th IFAC World Congress, Prague, Czech Republic, paper no. 2684(1-6), 03-08 June, 2005.
40. LACEVIC, B., Velagic, J., and Hebibovic, M. "Evolution of Parameters of Nonlinear Position Control for Dynamic Model of Mobile Robot with Friction", CD Proceedings of the 16th IFAC World Congress, Prague, Czech Republic, paper no. 2682(1-6), 03-08 June, 2005.
41. LACEVIC, B. , Konjicija, S. And Avdagic, Z. "Great Selection Pressure Genetic Algorithm with Adaptive Operators for Adjusting the Weights of Neural Controller", CD Proceedings of the 6th IEEE International Symposium on Computational Intelligence in Robotics and Automation - Helsinki University of Technology, Espoo, Finland - June 27-30, 2005.

42. Velagic, J. And LACEVIC, B. "New Concept of the Fast Reactive Mobile Robot Navigation Using a Pruning of Relevant Obstacles", IEEE International Symposium on Industrial Electronics - ISIE 2005, Volume 1, Dubrovnik, Croatia, pp. 161-166, 20-23 June, 2005.
43. Aksamovic, A., Konjicija, S., LACEVIC, B., Velagic, J. and Perunicic, B. "Advantage of Open Architecture for Modular Mobile Robotic Platform in Research of Complex Control Algorithms", 28th International Convention MIPRO 2005, Opatija, Hrvatska, May 30 - June 3, 2005.
44. Hebibovic, M., LACEVIC, B., and Velagic, J., "Retaining Blood Sugar Level Inside Recommended Limits by Suitable Carbohydrates Intake", 10th IEEE International Conference Modelling Methods in Automation and Robotics (MMAR 2004), Miedzyzdroje, Poland, pp. 195-200, 30 August - 2 September, 2004.
45. Juric, Z., Perunicic, B., and LACEVIC, B., "Closed-Loop Identification of Some Linear Plants With Static Nonlinearities" Southeastern Europe, USA, Japan and European Community Workshop on Research and Education in Control and Signal Processing (REDISCOVER 2004), pp. 65-68, Cavtat, Croatia, June 14-16, 2004.
46. LACEVIC, B., Velagic, J., Perunicic B., and Hebibovic, M. "Optimization of Backstepping Control Parameters for Dynamic Model of Mobile Robot Using Genetic Algorithm" Southeastern Europe, USA, Japan and European Community Workshop on Research and Education in Control and Signal Processing (REDISCOVER 2004), pp. 121-124, Cavtat, Croatia, June 14-16, 2004.
47. Hebibovic, M., LACEVIC, B., Alagic, S., and Kulenovic, I., (2003). "Control of Blood Sugar Components and Their Computer Aided Modeling", 7th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2003), Orlando, USA, Computer Science, Engineering Appl, pp. 12-16, July 27-30, 2003.
48. Velagic, J., LACEVIC, B., and Draganovic, A., (2003). "Building the Robotic Embedded Control System for Space Research", International Conference of Mechatronics (ICOM2003), pp. 655-660, Loughborough, UK, 18-20 June 2003.

POGLAVLJA U KNJIZI

1. Velagic, J., Osmic, N. and LACEVIC, B. "Design of Neural Network Mobile Robot Motion Controller", in book: New Trends in Technologies, I-Tech, Vienna, pp. 187-200, ISBN 978-953- 7619-62-6, 2010.
2. Velagic, J., LACEVIC, B. and Osmic, N. "Nonlinear Motion Control of Mobile Robot Dynamic Model," in book: Mobile Robots Motion Planning, New Challenges, Advanced Robotic System International, Vienna, pp. 531-552, ISBN 978-3-902613-35-6, 2008.
3. Avdagic, Z., Konjicija, S., and LACEVIC, B. "Design og Neural Network Controller Based on Adaptable Parameters Evolutionary Algorithms", DAAAM-Scientific Book 2005, pp. 001- 016, DAAAM International Vienna, ISBN 2-901509-43-7, 2005.

KNJIGE

1. Osmic, N., Tahirovic, A., LACEVIC, B., "Octocopter design: modelling, control and motion planning", Planjax, Tešanj, ISBN 978-9958-34-637-8, 2022.
2. LACEVIC, B., Osmankovic, D., Tahirovic, A., "Planiranje kretanja robota: metode bazirane na uzorkovanju", Elektrotehnički fakultet Univerziteta u Sarajevu, ISBN 978-9958-629-61-7, 2020.
3. LACEVIC, B., "Sigurnosni aspekti kretanja robotskih manipulatora", Elektrotehnički fakultet Univerziteta u Sarajevu, ISBN 978-9958-629-87-7, 2015.