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| Време консултација: | петак 12-13h |
| Студијски програм-и: | Комуникационе технологије, Савремене рачунарске технологије |
| Ужа научна област: | Телекомуникације |

Предмети на којима је професор/наставник ангажован

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| 1. | Основи телекомуникација | Основне струковне студије |
| 2. | Дигиталне телекомуникације | Основне струковне студије |
| 3. | Кабловски ТК системи | Основне струковне студије |

Образовање

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| 1. | Дипломирани инжењер електротехнике за телекомуникације |
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Истраживачки интерес

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| 1. | Теорија телекомуникација |
| 2. | Бежичне телекомуникације |

Научни и стручни радови

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| 1. | Danijela Aleksić, Nikola Sekulović , Mihajlo Stefanović, “Outage Probability of System with Selection Combining over Correlated Weibull Fading Channels in the Presence of Rayleigh Cochannel Interference”, <i>Electronics and Electrical Engineering</i> , (publisher: Kaunas University of Technology), vol. 90, no.2, pp. 7-10, 2009, ISSN 1392-1215, M23 (R52) . web page: http://www.ee.ktu.lt/page.php?213 |
| 2. | Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Nikola M. Sekulović , “Performance analysis of system with L-branch selection combining over correlated Weibull fading channels in the presence of cochannel interference”, <i>International Journal of Communication Systems</i> , (publisher: John Wiley and Sons Ltd.), vol. 23, no. 2, pp. 139-150, Feb. 2010, ISSN 1074-5351, M23 (R52) . web page: http://portal.acm.org/citation.cfm?id=1711875.1711876 |
| 3. | Vladeta Milenković, Nikola Sekulović , Mihajlo Stefanović, Mile Petrović, “Effect of Microdiversity and Macrodiversity on Average Bit Error Probability in Gamma Shadowed Rician Fading Channels”, <i>ETRI Journal</i> , (publisher: Electronics and Telecommunications Research Institute), vol. 32, no. 3, pp. 464-467, Jun. 2010, ISSN 1225-6463, M22 (R51 b) . web page: http://etrij.etri.re.kr/Cyber/servlet/BrowseAbstract?vol=32&num=3&pg=464 |
| 4. | Aleksandra S. Panajotović, Mihajlo Č. Stefanović, Dragan Lj. Drača, Nikola M. Sekulović , “Average Level Crossing Rate of Dual Selection Diversity in Correlated Rician Fading with Rayleigh Cochannel Interference”, <i>IEEE Communications Letters</i> , (publisher: Institute of Electrical and Electronics Engineers, Inc.), vol. 14, no. 7, pp. 605-607, Jul. 2010, ISSN 1089-7798, M22 (R51b) . web page: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5545604 |

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| 5. | <p>Nikola Sekulović, Mihajlo Stefanović, Dragan Denić, Danijela Aleksić, “Performance Analysis of SINR-Based Selection Diversity Over Correlated Rayleigh Fading Channels”, <i>IET Communications</i>, (publisher: Institution of Electrical Engineers), vol. 5, no. 2, pp. 127-134, Jan. 2011, ISSN 1751-8628, M23 (R52).</p> <p>web page: http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel5%2F4105970%2F5688375%2F05688376.pdf%3Farnumber%3D5688376&authDecision=-203</p> |
| 6. | <p>Nikola Sekulović, Mihajlo Stefanović, Dragan Drača, Aleksandra Panajotović, Martina Zdravković, “Switch and stay combining diversity receiver in microcellular mobile radio system”, <i>Electrical Review (Przegląd Elektrotechniczny)</i>, (publisher: Wydawnictwo SIGMA-NOT Sp. zoo), vol. 86, no. 2, pp. 346-350, Dec. 2010, ISSN 0033-2097, M23 (R52).</p> <p>web page: http://www.sigma-not.pl/publikacja-56689-switch-and-stay-combining-diversity-receiver-in-microcellular-mobile-radio-system-przegląd-elektrotechniczny-2010-12.html</p> |
| 7. | <p>Nikola M. Sekulović, Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Dušan M. Stefanović “Performance Analysis of Microcellular Mobile Radio Systems with Selection Combining in the Presence of Arbitrary Number of Cochannel Interferences”, <i>Advances in Electrical and Computer Engineering</i>, (publisher: Stefan cel Mare University of Suceava, Romanian Academy of Technical Sciences), vol. 10, no. 4, pp. 3-8, Dec. 2010, ISSN 1582-7445, M23 (R52).</p> <p>web page: http://www.doaj.org/doaj?func=abstract&id=658672</p> |
| 8. | <p>Aleksandra D. Cvetković, Mihajlo Č. Stefanović, Nikola M. Sekulović, Edis S. Mekić, Danijela Manić, “Dual-Hop System Analysis in Nakagami-m Environment”, <i>Electronics and Electrical Engineering</i>, (publisher: Kaunas University of Technology), vol.108, no. 2, pp. 47-50, 2011, ISSN 1392-1215, M23 (R52).</p> <p>web page: http://www.ktu.lt/lt/mokslas/zurnalai/elektros_z/z108/12_ISSN_1392-1215_Dual-Hop%20System%20Analysis%20in%20Nakagami-m%20Environment.pdf</p> |
| 9. | <p>Nikola M. Sekulović, Mihajlo Č. Stefanović, “Performance Analysis of System with Micro- and Macrodiversity Reception in Correlated Gamma Shadowed Rician Fading Channels”, <i>Wireless Personal Communications</i>, (publisher: Springer), (publisher: Springer-Verlag New York, Inc.), accepted for publication (published online 12. Feb. 2011.), DOI: 10.1007/s11277-011-0232-8, ISSN 0929-6212, M23 (R52).</p> <p>web page: http://www.springerlink.com/content/w15j277n26566489/</p> |
| 10. | <p>Dusan Stefanović, Bojana Nikolić, Dejan Milić, Mihajlo Stefanović, Nikola Sekulović, “Post Detection Microdiversity and Dual Macrodiversity in Shadowed Fading Channels”, <i>Electronics and Electrical Engineering</i>, (publisher: Kaunas University of Technology), accepted for publication, ISSN 1392-1215, M23 (R52).</p> |
| 11. | <p>Aleksandra Cvetković, Mihajlo Stefanović, Nikola Sekulović, Dejan Milić, Dušan Stefanović, Zoran Popović, “Second-order statistics of dual SC macrodiversity system over channels affected by Nakagami-m fading and correlated gamma shadowing”, <i>Electrical Review (Przegląd Elektrotechniczny)</i>, (publisher: Wydawnictwo SIGMA-NOT Sp. zoo), vol. 87, no. 6, pp. 284-288, Jun. 2011, ISSN 0033-2097, M23 (R52).</p> <p>web page: http://sigma-not.pl/publikacja-60103-second-order-statistics-of-dual-sc-macrodiversity-system-over-channels-affected-by-nakagami-m-fading-and-correlated-gamma-shadowing-przegląd-elektrotechniczny-2011-6.html</p> |
| 12. | <p>Aleksandra Panajotović, Mihajlo Stefanović, Dragan Drača, Nikola Sekulović, “Average Level Crossing Rate of Microcellular Mobile Radio System with Selection Combining in the Presence of Arbitrary Number of Cochannel Interferences”, <i>European Transactions on Telecommunications</i>, (publisher: John Wiley and Sons Ltd.), accepted for publication, ISSN 1124-318X, M23 (R52).</p> |
| 13. | <p>Edis Mekić, Mihajlo Stefanović, Petar Spalević, Nikola Sekulović, Ana Stanković, “Statistical analysis of ratio of random variables and its application in performance analysis</p> |

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| 14. | Mihajlo Stefanović, Nikola Sekulović , Milan Gligorijević, Milos Bandur, Petar Spalević, Zoran Popović, “Statistics of signal envelope in composite multipath fading/shadowing microcellular environment”, <i>Technics Technologies Education Management/TTEM</i> , (publisher: DRUNPP), vol. 6, pp. 1147-1151, ISSN 1840-1503, M23 (R52) . |
| 15. | Petar Spalević, Nikola Sekulović , Zachos Georgios, Edis Mekić, “Performance Analysis of SIR-Based Triple Selection Diversity Over Correlated Weibull Fading Channels”, <i>Facta Universitatis: Series Electronics and Energetics</i> , (publisher: University of Nis), vol. 23, no. 1, pp. 89-98, Apr. 2010, ISSN 0353-3670, M24 (R52) . web page: http://factaee.elfak.ni.ac.rs/fu2k101/8spalevic.html |
| 16. | Nikola Sekulović , Edis Mekić, Dragana Krstić, Aleksandra Cvetković, Martina Zdravkovic, Mihajlo Stefanović, “Performance analysis of dual selection-based macrodiversity system over channels subjected to Nakagami-m fading and gamma shadowing”, <i>WSEAS Transactions on Communications</i> (World Scientific and Engineering Academy and Society (WSEAS) Press), vol. 10, no. 3, pp. 77-87, Mar. 2011, ISSN 1109- 2742, M24 (R52) . web page: http://www.wseas.us/e-library/transactions/communications/2011/52-476.pdf |
| 17. | Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Daniela M. Milović, Nikola M. Sekulović , “Influence of Fading Parametar on Performance of SC System over Rician Fading in the Presence of Interference”, <i>XLIII International Scientific Conference on Information, Communication and Energy Systems and Technologies - Icest 2008</i> , Niš, Serbia, 25-27 June 2008, <i>Proceedings of papers</i> , vol. 1, pp.135-138, ISBN 978-86-85195-59-4. |
| 18. | Mihajlo Č. Stefanović, Dragan Lj. Drača, Aleksandra S. Panajotović, Nikola M. Sekulović , Zorica B. Nikolić, “Outage probability of system with selection combining over correlated Weibull fading channels in the presence of cochannel interference”, <i>International Scientific Conference Unitech</i> , Gabrovo, Bulgaria, 21-22 Nov. 2008, <i>Proceedings of papers</i> , vol. 1, pp.260-262, ISSN 1313-230X. |
| 19. | Aleksandra Panajotović, Mihajlo Stefanović, Dragan Drača, Daniela Milović, Nikola Sekulović , Dušan Stefanović, “Influence of Cochanel Interference on SC Diversity System over Rician Fading”, <i>XLIV International Scientific Conference on Information, Communication and Energy Systems and Technologies - Icest 2009</i> , Veliko Tarnovo, Bulgaria, 25-27 June 2009, <i>Proceedings of papers</i> , vol. 1, pp.79-81, ISBN 978-954-438-796-9. |
| 20. | Nikola Sekulović , Dragan Drača, Aleksandra Panajotović, Zorica Nikolić, Časlav Stefanović, “Channel Capacity of a System in Shadowed Fading Channels with Micro- and Macrodiversity Reception”, <i>XLIV International Scientific Conference on Information, Communication and Energy Systems and Technologies - Icest 2009</i> , Veliko Tarnovo, Bulgaria, 25-27 June 2009, <i>Proceedings of papers</i> , vol. 1, pp.82-84, ISBN 978-954-438-796-9. |
| 21. | Ivana Petrović, Časlav Stefanović, Nikola Sekulović , Mile Petrović, Mihajlo Stefanović, “Second order statistics of ratio of two random variables”, <i>International conference “Mathematical and Informational Technologies” (VIII Conference “Computational and Informational Technologies for Science, Engineering and Education”)</i> , Kopaonik, Serbia, 27-31 August 2009, <i>Proceedings of papers</i> , pp. 271-275, ISBN 978-86-7412-052-1. web page: http://www.ict.nsc.ru/ws/show_abstract.dhtml?en+197+15426 |
| 22. | Aleksandra Panajotović, Mihajlo Stefanović, Dragan Drača, Daniela Milović, Nikola Sekulović , “Effects of Rician fading, branch correlation and interference number on SC system performance”, <i>9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIS 2009</i> , Nis, Serbia, 7-9 Oct. 2009, <i>Proceedings of papers</i> , vol. 2, pp. 603-606, ISBN 978-1-4244-4382-6. web page: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5339437 |

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| 23. | <p>Nikola Sekulović, Aleksandra Panajotović, Dragan Drača, Mihajlo Stefanović, Časlav Stefanović, “Dual selection diversity over Rician fading channels in the presence of multiple cochannel Nakagami-m interferences”, <i>15th IEEE Mediterranean Electrotechnical Conference - Melecon 2010</i>, Valletta, Malta, 25-28 April 2010, <i>Proceedings of papers</i>, pp. 270-273, ISBN 978-1-4244-5794-6.</p> <p>web page: http://melecon2010.e-papers.org/ESR/paper_details.php?PHPSESSID=27achkijjbdh1eitblnac7mh27&paper_id=3188</p> |
| 24. | <p>Dragan Lj. Drača, Aleksandra S. Panajotović, Mihajlo Č. Stefanović, Nikola M. Sekulović, Zorica B. Nikolić, “Outage probability of dual SC over correlated Rician fading channels in the presence of multiple CCIs”, <i>XLV International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 2010</i>, Ohrid, Macedonia, 23-26 June 2010, <i>Proceedings of papers</i>, vol. 1, pp. 27-30, ISBN 978-9989-786-57-0.</p> <p>web page: http://www.icestconf.org/index.php?option=com_content&view=article&id=66:telecommunications-systems-and-technology-i&catid=43:conference-program&Itemid=118</p> |
| 25. | <p>Aleksandra D. Cvetović, Nikola M. Sekulović, Dragana S. Krstić, Edis S. Mekić, Zoran J. Popović, Mihajlo Č. Stefanović, “Performance analysis of multi-hop system in Nakagami-m environment”, <i>International Conference on Circuits, Systems, Signals (CSS)</i>, Malta, 15-17 September 2010, <i>Proceedings of papers</i>, pp. 276-279, ISBN 978-960-474-226-4.</p> <p>web page: http://www.wseas.us/e-library/conferences/2010/Malta/CSS/CSS-43.pdf</p> |
| 26. | <p>Nikola M. Sekulović, Edis S. Mekić, Dragana S. Krstić, Ilija M. Temelkovski, Danijela Manić, Mihajlo Č. Stefanović, “Outage probability of macrodiversity system in Nakagami-m fading channels with correlated gamma shadowing”, <i>International Conference on Circuits, Systems, Signals (CSS)</i>, Malta, 15-17 September 2010, <i>Proceedings of papers</i>, pp. 266-270, ISBN 978-960-474-226-4.</p> <p>web page: http://www.wseas.us/e-library/conferences/2010/Malta/CSS/CSS-41.pdf</p> |
| 27. | <p>Zoran J. Popović, Dragana S. Krstić, Nikola M. Sekulović, Mihajlo Č. Stefanović, “Performance of SIR-based Triple Selection Combining over Correlated Weibull Channel”, <i>9th International Symposium on Electronics and Telecommunications - ISETC '10</i>, Timisoara, Romania, 11-12 November 2010, <i>Proceedings of papers</i>, pp. 295-299, ISBN 978-1-4244-8457-7.</p> <p>web page: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5679302</p> |
| 28. | <p>Aleksandra Panajotović, Mihajlo Stefanović, Dragan Drača, Nikola Sekulović, Ivana Petrović, “Average Fade Duration for Dual Selection Diversity over Correlated Rician Fading Channels in the Presence of Cochannel Interferences”, <i>8th International Conference on Computers as a Tool – EUROCON '11</i>, Lisbon, Portugal, 27-29 April 2011, <i>Proceedings of papers</i>, pp. 1-4, ISBN 978-1-4244-7486-8.</p> <p>web page: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5929175</p> |
| 29. | <p>Aleksandra Panajotović, Nikola Sekulović, Mihajlo Stefanović, Dragan Drača, Dušan Stefanović, “OP Comparison of Dual SC Systems using Desired and SIR Power Algorithm in Presence of Interference”, <i>XLVI International Scientific Conference on Information, Communication and Energy Systems and Technologies - ICEST 2011</i>, Niš, Serbia, 29-1 July 2011, <i>Proceedings of papers</i>, vol. 1, pp. 239-242, ISBN 978-86-6125-031-6.</p> |
| 30. | <p>Dragana Krstić, Nikola Sekulović, Goran Stamenović, Mihajlo Stefanović, “Average bit error probability of dual selection-based macrodiversity system over channels subjected to Nakagami-m fading and gamma shadowing”, <i>10th International Conference on Applied Electromagnetics PES 2011</i>, Niš, Serbia, 25-29 September 2011, <i>Proceedings of papers</i>, P2-7, ISBN 978-86-6125-035-4.</p> |
| 31. | <p>Aleksandra Cvetković, Nikola Sekulović, Mihajlo Stefanović, Dejan Milić, Aleksandra Panajotović, Dušan Stefanović, “Influence of selection combining diversity on system capacity”, <i>10th International Conference on Applied Electromagnetics PES 2011</i>, Niš,</p> |

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| 32. | Nikola Sekulović , Dragana Krstić, Edis Mekić, Miloš Bandur, Mihajlo Stefanović, "Effect of Macrodiversity on Outage Probability and Average Channel Capacity in Composite Nakagami-gamma environment", <i>10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2011</i> , Nis, Serbia, 5-8 Oct. 2011, <i>Proceedings of papers</i> , vol. 2, pp. 463-466. |
| 33. | Aleksandra Panajotović, Nikola Sekulović , Mihajlo Stefanović, Dragan Drača, "BEP Comparison for Dual SC Systems Using Different Decision Algorithms in the Presence of Interference", <i>10th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services - TELSIKS 2011</i> , Nis, Serbia, 5-8 Oct. 2011, <i>Proceedings of papers</i> , vol. 2, pp. 467-470. |
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| 36. | Mihajlo Stefanović, Nikola Sekulović , Srđan Milosavljević, Zoran Popović, "Analiza makrodiverziti sistema sa dve grane u prisustvu Rajsovog fedinga i gama senke", 53. konferencija za elektroniku, telekomunikacije, računarstvo i nuklearnu tehniku - <i>ETRAN 2009</i> , Vrnjačka banja, Srbija, 15-18 jun 2009, <i>Proceedings of papers</i> , str. TE2.7-1-4, ISBN 978-86-80509-64-8. web page: http://etran.etf.rs/etran2009/sekcije.htm |
| 37. | Nikola M. Sekulović , Edis S. Mekić, Mihajlo Č. Stefanović, Aleksandra D. Cvetković, Selena Ž. Stanojčić, "Moments of the signal after micro- and macrodiversity processing in gamma shadowed Nakagami- <i>m</i> fading channels", <i>18th Telekomunikacioni forum TELFOR 2010</i> , Beograd, Srbija, 23-25 Novembar 2010, <i>Proceedings of papers</i> , str. 499-502. web page: http://telfor.org/files/radovi/TELFOR2010_04_06.pdf |
| 38. | Jelena A. Anastasov, Mihajlo Č. Stefanović, Stefan R. Panić, Nikola M. Sekulović , Aleksandra M. Cvetković, "Performanse SSC diverziti prijemnika u kanalu sa korelisanim kompozitnim fedingom", <i>18th Telekomunikacioni forum TELFOR 2010</i> , Beograd, Srbija, 23-25 novembar 2010, <i>Proceedings of papers</i> , str. 533-536. web page: http://www.telfor.rs/files/radovi/TELFOR2010_04_14.pdf |
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