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**РАДОВИ У МЕЂУНАРОДНИМ
ЧАСОПИСИМА**

1. M.K. Transtrum, A.T. Saric, A.M. Stankovic, "Information Geometry for Model Identification and Parameter Estimation of Renewable Energy Resources", IET Renewable Power Generation, Vol. 12, No, 6, pp. 1294-1302, 2018. (ISSN: 1752-1416, IF: 3.488, M21)
2. A.T. Saric, M.K. Transtrum, A.M. Stankovic, "Data-Driven Dynamic Equivalents for Power System Areas from Boundary Measurements", IEEE Transactions on PowerSystems, accepted. (ISSN: 0885-8950, IF: 5.255, M21a)
3. A. Ghanavati, H. Lv-Ari, A.M. Stankovic, "A Sub-Cycle Approach to Dynamic Phasors with Application to Dynamic Power Quality Metrics", IEEE Transactions on Power Delivery, Vol. 33, No. 5, pp. 2217-2225, Oct. 2018. (ISSN: 0885-8977, IF: 3.35, M21)
4. S. Khade, R. Meshram, S. Wagh, N. Singh, and A.M. Stankovic, "Bond Graph Approach for Port-controlled Hamiltonian Modeling for SST", Electric Power System Research, Vol. 158, pp. 105-114, May 2018. (ISSN: 0378-7796, IF: 2.856, M21)
5. R. Meshram, S. Khade, M. Monika, S. Wagh, N. Singh, and A.M. Stankovic, "Port-controlled phasor Hamiltonian modeling and IDA-PBC control of solid state transformer," IEEE Transactions on Control Systems Technology, accepted 2017. DOI: 10.1109/TCST.2017.2761866 (ISSN: 1063-6536, IF:4.883, M21a)
6. M.K. Transtrum, A.T. Saric, A.M. Stankovic, "Information Geometry Approach to Verification of Dynamic Models in Power systems", IEEE Trans. on Power systems, Vol. 33, No. 1, pp. 440-450, Jan. 2018. (ISSN: 0885-8950, IF: 5.255, M21a)
7. H. Lev-Ari, R.D. Hernandez, A.M. Stankovic and E. Marengo, "Adaptive Near-Optimal Compensation in Lossy Polyphase Power Systems," IEEE Trans. on Control Systems Technology, Vol. 26, No. 2, pp. 732-739, March 2018. (ISSN: 1063-6536, IF:4.883, M21a)
8. B. Yan, H. Lev-Ari and A.M. Stankovic, "Networked Multi-Sensor Dynamic State Estimation with Delayed and Irregularly-Spaced Time-Stamped Observations," IEEE Transactions on Control of Networked Systems, Vol. 5, No. 3, pp. 888-900, Sep. 2018. (ISSN: 2325-5870)
9. M.K. Transtrum, A.T. Saric, A.M. Stankovic, "Measurement-Directed Reduction of Dynamic Models in Power Systems, IEEE Trans. on Power systems, Vol. 32, No. 3, pp. 2243 - 2253, 2017. (ISSN: 0885-8950, IF: 5.255, M21a)
10. J. Schier, D. Zonetti, R. Ortega, A.M. Stankovic, T. Sezid, J. Raisch, "A survey on modeling of microgrids - from fundamental physics to phasors and voltage sources", Automatica, Vol. 74.,

	<p>pp 135-150, 2016. (ISSN: 0005-1098, IF: 6.126, M21a)</p> <p>11. A.M. Stankovic and A.T. Saric, "Dynamic Voltage Stability Assessment in Large Power systems with Topology Control Actions", IEEE Transactions on Power Systems, Vol. 31, No. 4, pp. 2892-2902, July 2016. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>12. A.A. Bobtsov, A.A. Pyrkin, R. Ortega, S.N. Vukosavic, A.M. Stankovic, E.V. Panteley, "A robust globally convergent position observer for the permanent magnet synchronous motor", Automatica, Vol. 61, pp. 47-54, Nov. 2015 (ISSN: 0005-1098, IF: 6.126, M21a)</p> <p>13. A. M. Stankovic, S. D. Dukic and A. T. Saric, "Approximate Bisimulation-Based Reduction of Power System Dynamic Model", IEEE Transactions on Power Systems, Vol. 30, No. 3, pp 1252-1260, May 2015. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>14. A.T. Saric and A. M. Stankovic, "Rapid Small-Signal Stability Assessment and Enhancement Following Changes in Topology", IEEE Transactions on Power Systems, Vol. 30, No. 3, pp 1155-1163, May 2015. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>15. H. Lev-Ari, A.M. Stankovic, "A Sparse Sampling Approach to Dynamic Sub-Cycle Decomposition of Apparent Power in General Polyphase Networks", Przegląd Elektrotechniczny, Poland, Vol. 91, No. 6, pp. 18-24, June 2015. (ISSN: 0005-1098, IF: 6.126, M21a)</p> <p>16. B. Grčar, P. Cafuta, G. Stumberger, A.M. Stankovic, A. Hofer, "Non-Holonomy in Publications Publications Induction Machine Torque Control", IEEE Transactions on Control System Technology, Vol. 19, No. 2, pp. 367 - 375, March 2011. (ISSN: 1063-6536, IF:4.883, M21a)</p> <p>17. F.H. Murphy, M. Mudrageda, A.T. Saric, A.M. Stankovic, "The Effect of Contingency Analysis on the Nodal Prices in a Day-Ahead Market", Energy Policy, Vol. 38, No. 1, pp. 141-150, January 2010. (ISSN: 0301-4215, IF:4.039, M21)</p> <p>18. A.T. Sarić, A.M. Stanković, "Two-Stage Stochastic Programming Model for Market Clearing With Contingencies", IEEE Transactions on Power Systems, IEEE Transactions on Power Systems, Vol. 24, No. 3, pp. 1266 - 1278, Aug. 2009. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>19. A.T. Sarić, A.M. Stanković, "Application of Ellipsoidal Approximations to Polyhedral Sets in Power System Optimization", IEEE Transactions on Power Systems, IEEE Transactions on Power Systems, Vol. 23, No. 3, pp. 956 - 965, Aug. 2008. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>20. B. Grčar, J. Ritonja, B. Polajzner, A.M. Stanković, "Estimation Methods Using Dynamic Phasors for Numerical Distance Protection", IET Generation, Transmission and Distribution, Vol.2 , No. 3, pp. 433 - 443, May 2008. (ISSN: 1751-8687, IF:2.618, M21)</p> <p>21. E. Garcia-Canseco, R. Grino, R. Ortega, M. Salichs, A.M. Stanković, "Power factor</p>
--	--

	<p>compensation of electrical circuit", IEEE Control Systems Magazine, Vol. 27, No. 2, pp. 46-59, April 2007. (ISSN: 0272-1708, IF:3.661, M21)</p> <p>22. G. Escobar, P. Mattavelli, A.M. Stanković, A.A. Valdez, J. Leyva-Ramos, "An Adaptive Control for UPS to Compensate Unbalance and Harmonic Distortion Using a Combined Capacitor/Load Current Sensing", IEEE Trans. on Industrial Electronics, Vol. 54, No. 2, pp. 839 - 847, April 2007. (ISSN: 0278-0046, IF:7.05, M21a)</p> <p>23. A.T. Sarić, A.M. Stanković, "Integration of equation- and signal-based models in transient analysis of electric energy systems", IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications, Vol. 53, No. 7, pp. 1589 - 1596, July 2006. (ISSN: 1549-8328, IF:2.823, M21)</p> <p>24. Z. Jin, P. Dattaray, P. Wall, J. Yu and V. Terzija, "A Screening Rule-Based Iterative Numerical Method for Observability Analysis," in IEEE Transactions on Power Systems, vol. 32, no. 6, pp. 4188-4198, Nov. 2017. doi: 10.1109/TPWRS.2017.2660068 (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>25. A.T. Sarić, A.M. Stanković, "An application of interval analysis and optimization to electric energy markets", IEEE Transactions on Power Systems, Vol. 21, No. 2, pp. 515 - 523, May 2006. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>26. X. Zhang, J. Zhu, S. Bu, Q. Li, V. J. Terzija and S. M. Rowland, "The Development of Low-Current Surface Arcs Under Clean and Salt-Fog Conditions in Electricity Distribution Networks," in IEEE Access, vol. 6, pp. 15835-15843, 2018, doi: 10.1109/ACCESS.2018.2806885 (ISSN: 2169-3536, IF:3.557, M21)</p> <p>27. H. Lev-Ari, A.M. Stanković, "A decomposition of apparent power in polyphase unbalanced networks in nonsinusoidal operation", IEEE Transactions on Power Systems, Vol. 21, No. 1, pp. 438 - 440, Feb. 2006. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>28. G. Andersson, P. Donalek, R. Farmer, N. Hatziaargyriou, A. Kamwa, P. Kundur, N. Martins, J. Paserba, P. Pourbeik, J. Sanchez-Gasca, R. Schulz, A.M. Stanković, C. Taylor, V. Vittal, "Causes of the 2003 major grid blackouts in North America and Europe, and recommended means to improve system dynamic performance", IEEE Transactions on Power Systems, Vol. 20, No. 4, pp. 1922 - 1928, Nov. 2005. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>29. A.T. Sarić, A.M. Stanković, "Model Uncertainty in Security Assessment of Power Systems", IEEE Transactions on Power Systems, Vol. 20, No. 3, pp. 1398-1407, Aug. 2005. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>30. J. Chiasson, D. Seto, F. Sun, A.M. Stanković, S. Borto, "Control of Two PM Linear Motors with a Single Inverter: Application to Elevator Doors", Mechatronics, Vol. 15, Feb. 2005, pp.</p>
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	<p>95-110. (ISSN: 0957-4158, IF:2.423, M22)</p> <p>31. A.M. Stanković, H. Lev-Ari, M.M. Perišić, "Analysis and Implementation of Model-Based Linear Estimation of Dynamic Phasors", IEEE Transactions on Power Systems, Vol. 19, No. 4, pp.1903 - 1910, Nov. 2004 (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>32. P. Kundur, J. Paserba, V. Ajjarapu, G. Andersson, A. Bose, C. Canizares, N. Hatziaargyriou, D. Hill, A.M. Stanković, C. Taylor, T. Van Cutsem, V. Vittal, "Definition and classification of power system stability - IEEE/CIGRE joint task force on stability terms and definitions" IEEE Transactions on Power Systems, Vol. 19, No. 3, pp. :1387- 401, Aug. 2004. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>33. G. Escobar, A.M. Stanković, P. Mattavelli, "An adaptive controller in stationary reference frame for D-Statcom in unbalanced operation", IEEE Transactions on Industrial Electronics, Vol. 51 , No. 2, pp. 401-409, April 2004. (ISSN: 0278-0046, IF:7.05, M21a)</p> <p>34. A.M. Stanković, A.T. Sarić, "Transient Power System Analysis with Measurement-Based Gray Box and Hybrid Dynamic Equivalents", IEEE Transactions on Power Systems, Vol. 19, No. 1, pp. 455 - 462, Feb. 2004. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>35. A.M. Stanković, A.T. Sarić, M. Milosević "Identification of Nonparametric Dynamic Power System Equivalents with Artificial Neural Networks", IEEE Transactions on Power Systems, Vol. 18, No. 4, pp. 1478-1486, Nov. 2003. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>36. G. Escobar, A.M. Stanković, E. Galvan, J.M. Carrasco, R. Ortega, "A Family of Switching Control Strategies for the Reduction of Torque Ripple in DTC", IEEE Transactions on Control System Technology, Vol. 11, No. 6, pp. 933-939, Nov. 2003. (ISSN: 1063-6536, IF:4.883, M21a)</p> <p>37. G. Escobar, A.M. Stanković, P. Mattavelli, "Dissipativity-Based Adaptive and Robust Control of UPS in Unbalanced Operation", IEEE Transactions on Power Electronics, Vol. 18, No. 4, pp. 1056 -1062, July 2003. (ISSN: 0885-8993, IF:6.812, M21a)</p> <p>38. G. Escobar, A.M. Stanković, J.M. Carrasco, E. Galvan, R. Ortega, "Analysis and design of direct power control (DPC) for a three phase synchronous rectifier via output regulation subspaces", IEEE Transactions on Power Electronics, Vol. 18, No. 3, pp. 823-830, May 2003. (ISSN: 0885-8993, IF:6.812, M21a)</p> <p>39. V. Petrović, A.M. Stanković, V. Blasko, "Position estimation in salient PM synchronous motors based on PWM excitation transients", IEEE Transactions on Industry Applications, Vol. 39, No. 3, pp. 835-843, May-June 2003. (ISSN: 0093-9994, IF: 2.743, M22)</p> <p>40. H. Lev-Ari, A.M. Stanković, "Hilbert Space Techniques for Modeling and Compensation of Reactive Power In Energy Processing Systems" IEEE Transactions on Circuits and Systems-I:</p>
--	--

	<p>Fundamental Theory and Applications, Vol. 50, No. 4, pp. 540-556, April 2003. (ISSN: 1549-8328, IF:2.823, M21)</p> <p>41. M. Galaz, R. Ortega, A.S. Bazanella, A.M. Stanković, "An Energy Shaping Approach to the Design of Excitation Control of Synchronous Generators", Automatica, Vol. 39, pp. 111-119, January 2003. (ISSN: 0005-1098, IF: 6.126, M21a)</p> <p>42. B. Grčar, P. Cafuta, G. Štumberger, A.M. Stanković, "Control-Based Reduction of Pulsating Torque for PMAC Machines", IEEE Transactions on Energy Conversion, Vol. 17, No. 2, pp. 169 -175, Jun 2002. (ISSN: 0885-8969, IF:3.767, M21)</p> <p>43. P.C. Stefanov, A.M. Stanković, "Modeling of UPFC Operation Under Unbalanced Conditions with Dynamic Phasors", IEEE Transactions on Power Systems, Vol. 17, No. 2, pp. 395 -403, May 2002. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>44. A.M. Stanković, H. Lev-Ari, "Randomized Modulation in Power Electronic Converters", Proceedings of the IEEE, Vol. 90, No. 5, pp. 782 -799, May 2002. (ISSN: 0018-9219, IF:9.107, M21a)</p> <p>45. T. Sakharuk, A.M. Stanković, G. Tadmor, G. Eirea, "Effects of Finite Switching Frequency on Space Vector Modulated AC Drives", IEEE Transactions on Circuits and Systems-I: Fundamental Theory and Applications, Vol. 49, No. 5, pp. 621 -631, May 2002. (ISSN: 1549-8328, IF:2.823, M21)</p> <p>46. A.M. Stanković, S.R. Sanders, T. Aydin, "Dynamic Phasors in Analysis of Unbalanced Polyphase AC Machines" IEEE Transactions on Energy Conversion, Vol. 17, No.1, pp. 107 - 113, March 2002. (ISSN: 0885-8969, IF:3.767, M21)</p> <p>47. V. Petrović, R. Ortega, A.M. Stanković, "Interconnection and Damping Assignment Approach to Control of PM Synchronous Motors", IEEE Transactions on Control System Technology, Vol. 9, No. 6, pp. 811-820, Nov. 2001. (ISSN: 1063-6536, IF:4.883, M21a)</p> <p>48. D. Maksimović, A.M. Stanković, V.J. Thottuvelil, G.C. Verghese, "Modeling and Simulation of Power Electronic Converters", Proceedings of the IEEE, Vol. 89, No. 6, pp. 898-912, June 2001. (ISSN: 0018-9219, IF:9.107, M21a)</p> <p>49. G. Escobar, P. Mattavelli, A.M. Stanković, "Reactive Power and Unbalance Compensation Using STATCOM with Dissipativity-Based Control", IEEE Transactions on Control System Technology, Vol. 9, No. 5, pp. 718-727, Sep. 2001. (ISSN: 1063-6536, IF:4.883, M21a)</p> <p>50. I. Agirman, A.M. Stanković, G. Tadmor, H. Lev-Ari, "Adaptive Torque Ripple Minimization in Switched Reluctance Motors", IEEE Transactions on Industrial Electronics, Vol. 48, No. 3, June 2001, pp. 664-672. (ISSN: 0278-0046, IF:7.05, M21a)</p>
--	---

51. P. Mattavelli, G. Escobar, A.M. Stanković, "Dissipativity-Based Adaptive and Robust Control of UPS", IEEE Transactions on Industrial Electronics, Vol. 48, No. 2, Apr. 2001, pp. 334-343. (ISSN: 0278-0046, IF:7.05, M21a)
52. S.N. Vukosavić, A.M. Stanković, "Sensorless Induction Motor Drive with a Single Current Sensor and Instantaneous Active and Reactive Power Feedback", IEEE Transactions on Industrial Electronics, Vol. 48, No. 1, Feb. 2001, pp. 195-204. (ISSN: 0278-0046, IF:7.05, M21a)
53. V. Petrović, R. Ortega, A.M. Stanković, G. Tadmor "Design and Implementation of an Adaptive Controller for Torque Ripple Minimization in PM Synchronous Motors", IEEE Transactions on Power Electronics, Vol. 15, No. 5, Sep. 2000, pp. 871-880. (ISSN: 0885-8993, IF:6.812, M21a)
54. A.M. Stanković, T. Aydin, "Analysis of Asymmetrical Faults in Power Systems Using Dynamic Phasors", IEEE Transactions on Power Systems, Vol. 15, No. 3, Aug. 2000, pp. 1062-1068. (ISSN: 0885-8950, IF: 5.255, M21a)
55. H. Lev-Ari, A.M. Stanković, S. Lin, "Application of Staggered Undersampling to Power Quality Monitoring", IEEE Transactions on Power Delivery, Vol. 15, No. 3, July 2000, pp. 84-869. (ISSN: 0885-8977, IF: 3.35, M21)
56. M.Popov, S.Parmar, G.Rietveld, G.Preston, V.Terzija, "Methodology for testing and development of parameter-free fault locators for transmission lines", Electric Power Systems Research, November 24, 2015, DOI: 10.1016/j.epsr.2016.02.007 (ISSN: 0378-7796, IF: 2.856, M21)
57. A.M. Stanković, H. Lev-Ari, "Frequency-Domain Observations on Definitions of Reactive Power", IEEE Power Engineering Review, Vol. 20, No. 6, June 2000, pp. 46-48. (ISSN: 0272-1724)
58. T. Sakharuk, B. Lehman, A.M. Stanković, G. Tadmor, "Effects of Finite Switching Frequency and Delay on PWM Controlled Systems", IEEE Transactions on Circuits and Systems-I: Fundamental Theory and Applications, Vol. 47, No. 4, April 2000, pp. 555-567. (ISSN: 1549-8328, IF:2.823, M21)
59. A.M. Stanković, D.J. Perreault, K. Sato, "Synthesis of Dissipative Nonlinear Controllers for Series Resonant DC/DC Converters", IEEE Transactions on Power Electronics, 14(4). July 1999, pp. 673-682. (ISSN: 0885-8993, IF:6.812, M21a)
60. A.M. Stanković, G. Tadmor, Z. Ćorić, I. Agirman, "On Torque Ripple Reduction in Current-Fed Switched Reluctance Motors", IEEE Transactions on Industrial Electronics, 46(1), Feb. 1999, pp. 177-183. (ISSN: 0278-0046, IF:7.05, M21a)

61. P. Mattavelli, A.M. Stanković, G.C. Verghese, "SSR Analysis with Dynamic Phasor Model of Thyristor-Controlled Series Capacitor", IEEE Transactions on Power Systems, 14(1), Feb. 1999, pp. 200-208. (ISSN: 0885-8950, IF: 5.255, M21a)
62. A.M. Stanković, B.C. Lesieutre, T. Aydin, "Modeling and Analysis of Single-Phase Induction Machines with Dynamic Phasors", IEEE Transactions on Power Systems, 14(1), Feb. 1999, pp. 9-14. (ISSN: 0885-8950, IF: 5.255, M21a)
63. A.M. Stanković, P.C. Stefanov, G. Tadmor, D.J. Šobajić, "Dissipativity as a Unifying Control Design Framework for Suppression of Low Frequency Oscillations in Power Systems", IEEE Transactions on Power Systems, 14(1), Feb. 1999, pp. 192-199. (ISSN: 0885-8950, IF: 5.255, M21a)
64. A.M. Stanković, E.A. Marengo, "A Dynamical Characterization of Power System Harmonics Using Markov Chains," IEEE Transactions on Power Systems, 13(2), May 1998, pp. 442-448. (ISSN: 0885-8950, IF: 5.255, M21a)
65. A.M. Stanković, G. Tadmor, T.A. Sakharuk, "On Robust Control Analysis and Design for Load Frequency Regulation", IEEE Transactions on Power Systems, 13(2), May 1998, pp. 449-455. (ISSN: 0885-8950, IF: 5.255, M21a)
66. A.M. Stanković, B.C. Lesieutre, "Parametric Variations in Dynamic Models of Induction Machine Clusters", IEEE Transactions on Power Systems, 12(4), Nov. 1997, pp. 1549-1554. (ISSN: 0885-8950, IF: 5.255, M21a)
67. P. Mattavelli, G.C. Verghese, A.M. Stanković, "Phasor Dynamics of Thyristor-Controlled Series Capacitor Systems", IEEE Transactions on Power Systems, 12(3), Aug. 1997, pp. 1259-1267. (ISSN: 0885-8950, IF: 5.255, M21a)
68. A.M. Stanković, G.C. Verghese, D.J. Perreault, "Randomized Modulation of Power Converters via Markov Chains", IEEE Transactions on Control Systems Technology, 5(1), Jan. 1997, pp. 61-73. (ISSN: 1063-6536, IF: 4.883, M21a)
69. C.A. Jacobson, A.M. Stanković, G. Tadmor, M.A. Stevens, "Towards a Dissipativity Framework for Power System Stabilizer Design", IEEE Transactions on Power Systems, 11(4), Nov. 1996, pp. 1963-1968. (ISSN: 0885-8950, IF: 5.255, M21a)
70. A.M. Stanković, B.C. Lesieutre, "A Probabilistic Approach to Aggregate Induction Machine Modeling", IEEE Transactions on Power Systems, 11(4), Nov. 1996, pp. 1983-1989. (ISSN: 0885-8950, IF: 5.255, M21a)
71. C.A. Jacobson, A.M. Stanković, G. Tadmor, "On The Reduction of Certain Frequency Shaped Linear Quadratic Dissipative Design Problems to An H_∞ Formulation"; IEEE Transactions on

	<p>Automatic Control, 41(1), Jan. 1996, pp. 121-125. (ISSN: 0018-9286, IF:5.007, M21a)</p> <p>72. M.O. Eissa, S.B. Leeb, G.C. Verghese, A.M. Stanković, "Fast Controller for a Unity Power Factor PWM Rectifier", IEEE Transactions on Power Electronics, 11(1), Jan. 1996, pp. 1-6. (ISSN: 0885-8993, IF:6.812, M21a)</p> <p>73. A.M. Stanković, G.C. Verghese, D.J. Perreault, "Analysis and Synthesis of Randomized Modulation Schemes for Power Converters", IEEE Transactions on Power Electronics, 10(6), Nov. 1995, pp. 680-693. (ISSN: 0885-8993, IF:6.812, M21a)</p> <p>74. A.M. Stanković, M. Ilić, D. Maratukulam, "Recent Results in Secondary Voltage Control of Power Systems", IEEE Transactions on Power Systems, 6(2), Feb 1991, pp. 94-103. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>75. M. Ilić, A.M. Stanković, "Voltage Problems on Transmission Networks Subject to Unusual Power Flow Patterns", IEEE Transactions on Power Systems, 6(2), Feb 1991, pp. 339-348. (ISSN: 0885-8950, IF: 5.255, M21a)</p> <p>76. A.M. Stanković, M.S. Čalović, "Graph-Oriented Algorithm for the Steady-State Security Enhancement in Distribution Networks", IEEE Transactions on Power Delivery, 4(1), Jan 1989, pp. 539-544. (ISSN: 0885-8977, IF: 3.35, M21)</p>
<p>РАДОВИ САОПШТЕНИ НА МЕЂУН. СКУПОВИМА</p>	<p>1. M.K. Transtrum, B.L. Francis, A.T. Saric, A.M. Stankovic, \Simultaneous Global Publications Identification of Dynamic and Network Parameters in Transient Stability Studies", IEEE PES General Meeting, Portland, OR, Aug. 2018.</p> <p>2. M.K. Transtrum, B.L. Francis, C.C. Youn, A.T. Saric, A.M. Stankovic, \Geometrically Motivated Reparameterization for Identifiability Analysis in Power Systems Models", North American Power Symposium (NAPS), Fargo, ND, Sep. 2018.</p> <p>3. S.N.Vukosavic, A.M. Stankovic, \Electronic PowerWaves in Networks of Inverters", North American Power Symposium (NAPS), Fargo, ND, Sep. 2018.</p> <p>4. D. Bazylev, S. Vukosavic, A. Bobtsov, A. Pyrkin, A.M. Stankovic, R. Ortega, \Sensorless Control of PM Synchronous Motors with a Robust Nonlinear Observer ", IEEE Intl. Conf. Industrial Cyber-Physical Systems, Saint-Petersburg, Russia, May 2018.</p> <p>5. V.G. Svenda, A.M. Stankovic, A.T. Saric, M.K. Transtrum \Hybrid Power System State Estimation with Time Stamping, Communication Irregularities and Co-simulation", IEEE PES ISGT Europe Conference, Sarajevo, Bosnia and Herzegovina, Oct. 2018.</p>

6. G. Wang, A.M. Stankovic, \Equation-Free System-Level Modeling and Analysis of Series Resonant DC-DC Converters", ELECTRIMACS, Toulouse, France, July 2017.
7. A.M. Stankovic, V. Svenda, M.K. Transtrum, A.T. Saric, \Hybrid Power System State Estimation with Irregular Sampling", IEEE PES General Meeting, Chicago, July 2017.
8. C.C. Youn, A.T. Saric, M.K. Transtrum, A.M. Stankovic, \Information Geometry for Model Reduction of Dynamic Loads in Power Systems," IEEE PowerTech, Manchester, UK, June 2017.
9. H. Lev-Ari, A.M. Stankovic, \Networked Estimation and Control in Naval Cyber-Physical Energy Systems", ASNE Intelligent Ship Symposium, Philadelphia, May 2017.
10. U. Mumbaikar, G. Wang, S. Bhil, N. Singh, A. M. Stankovic, \Equation-free dynamic modelling of power system and detection of bifurcation point", North American Power Symposium (NAPS), Denver, Sep. 2016.
11. M. Parimi, M. Monika, M. Rane; S. Wagh, A.M. Stankovic, \Dynamic phasor-based small-signal stability analysis and control of solid state transformer", IEEE 6th International Conference on Power Systems (ICPS), New Delhi, India, March 2016.
12. A.T. Saric, M.K. Transtrum, A.M. Stankovic, \Dynamic Model Estimation for Power System Areas from Boundary Measurements", IEEE PES General Meeting, Boston, July 2016.
13. M.K. Transtrum, A.T. Saric, A.M. Stankovic, \Information Geometry for Model Verification in Energy Systems", 2016 Power system Computations Conference (PSCC), Genova, Italy, June 2016.
14. P. Hajiyani, H. Lev-Ari and A.M. Stankovic, \Mitigating Bad Data and Measurement Delay in Nonlinear Dynamic State Estimation," accepted for the 2016 IEEE International Symposium on Circuits and Systems (ISCAS), Montreal, Canada, May 2016.
15. G. Wang, A.M. Stankovic, \DC-Side High Impedance Ground Fault Detection for Transformerless Single-Phase PV Systems", 47-th North American Power Symposium, Charlotte, NC, Sept. 2015.
16. A.T. Saric and A. M. Stankovic, \Tractable and Scalable Algorithm for Dynamic Voltage Stability Assessment in Large-Scale Power Systems", Proceedings of the IEEE PowerTECH Conference, Eindhoven, The Netherlands, June 2015.
17. B. Yan, H. Lev-Ari, and A.M. Stankovic, \Robust Continuous-Discrete Kalman Filter for Time-Stamped Delay Mitigation in Networked Estimation and Control Systems," 46-th North American Power Symposium, Pullman, WA, Sept. 2014.
18. S.D. Dukic, A.T. Saric, and A.M. Stankovic, \Approximate Bisimulation-Based Reduction of Power System Dynamic Model with Application to Transient Stability Analysis", North American

	<p>Power Symposium (NAPS), September 2013.</p> <p>19. A.M. Stankovic and A.T. Saric, "Fast Assessment of Eigenvalue Sensitivities to Topology Changes and Injection Perturbations", Proceedings of IEEE PowerTECH Conference, Paper A5494AS, Grenoble, France, June 2013.</p> <p>20. P. Argyropoulos, H. Lev-Ari, and A.M. Stankovic, "IIR Phasor-Banks: Causal, Delay-Free, Numerically Robust, Customizable Uniform-DFT-Like Perfect Reconstruction Filter Banks," IEEE International Conference on Acoustics, Speech and Signal Processing, Vancouver, BC, May 2013, pp. 5613-5617.</p> <p>21. U.A. Khan and A.M. Stankovic, "Secure distributed estimation in cyber-physical systems", IEEE International Conference on Acoustics, Speech and Signal Processing, Vancouver, BC, May 2013, 5209 5213.</p> <p>22. U.A. Khan and A.M. Stankovic, "Security in cyber-physical energy systems", IEEE Workshop on Modeling and Simulation of Cyber-Physical Energy Systems, Berkeley CA, May 2013 (7p).</p> <p>23. P. Argyropoulos, H. Lev-Ari, and A.M. Stankovic, "Customizable Frequency-Selective Filter Banks for Robust Dynamic Frequency Analysis", 44th North American Power Symposium, Urbana, IL, Sept. 2012.</p> <p>24. B. Yan, H. Lev-Ari, and A.M. Stankovic, "Multi-Sensor Networked Estimation with Delayed and Irregularly-Spaced Observations," IEEE Statistical Signal Processing Work-shop, Ann Arbor, MI, Aug 2012.</p> <p>25. B. Yan, H. Lev-Ari and A.M. Stankovic, "Multi-Sensor Networked Estimation in Publications Electric Power Grids", 4th International Workshop on Computational Advances in Multisensor Adaptive Processing, San Juan, PR, Dec. 2011.</p> <p>26. H. Lev-Ari and A.M. Stankovic, "Customized Dynamic Phasors for Power Quality Control in Electric Grids," 4th International Workshop on Computational Advances in Multisensor Adaptive Processing, San Juan, PR, Dec. 2011.</p> <p>27. R.D. Hernandez, H. Lev-Ari and A.M. Stankovic, "Adaptive Near-Optimal Compensation Applied to Linear and Nonlinear Loads," 43-rd North American Power Symposium, Boston, MA, Aug. 2011.</p> <p>28. H. Lev-Ari, A.M. Stanković, "A Geometric Algebra Approach to Decomposition of Apparent Power in General Polyphase Networks", 41-st North American Power Symposium, Oct. 2009.</p> <p>29. R. Hernandez, H. Lev-Ari, A.M. Stanković, "Adaptive Near-Optimal Compensation in Lossy Polyphase Power Systems", 41-st North American Power Symposium, Oct. 2009.</p> <p>30. H. Lev-Ari, A.M. Stanković, "Instantaneous Power Quantities in Polyphase Systems A</p>
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- Geometric Algebra Approach", 2009 IEEE Energy Conversion Conference and Exposition, San Jose, CA, Sep. 2009.
31. H. Lev-Ari, A.M. Stanković, "Estimation and Control in Electric Energy Systems Based on Time-Stamped Signals", 2009 European Control Conference, Budapest, Hungary, Aug. 2009. (Invited paper.)
 32. A.T. Sarić, A.M. Stanković, "A Robust Algorithm for Volt/Var Control", 2009 IEEE Power Systems Conference and Exposition (PSCE 2009), Seattle, WA, pp. 1-8, Mar. 2009.
 33. A. Giusto, R. Ortega, A.M. Stanković, "Dissipativity Properties of Detailed Models of Synchronous Generators", 47th IEEE Conference on Decision and Control, Dec. 2008.
 34. H. Lev-Ari, A.M. Stanković, A. Ghanavati, "Dynamic Decomposition of Apparent Power in Polyphase Unbalanced Networks with Application to Transients in an Industrial Load", 40-th North American Power Symposium, Sept. 2008.
 35. H. Lev-Ari, A.M. Stanković, "Phasor-Banks: Customizable Filter Banks for Robust Dynamic Time-Frequency Analysis", 40-th North American Power Symposium, Sept. 2008.
 36. A.T. Sarić, F.H. Murphy, A.L. Soyster, A.M. Stanković, "A Stochastic Program-ming Approach to Quantifying Eects of Contingencies on Locational Marginal Prices", 16-th Power Systems Computation Conference, Glasgow, Scotland, June 2008.
 37. C. Juarez, A.M. Stanković, "Contraction Analysis of Power System Dynamics Using Time-Varying OMIB Equivalents", 39-th North American Power Symposium, pp. 385-391, Sept. 2007.
 38. A.M. Stanković, "Equation-Free System-Level Dynamic Modeling and Analysis in Energy Processing", 39-th North American Power Symposium, pp. 461 - 467, Sept. 2007.
 39. E. Garcia-Canseco, R. Ortega, R. Grino, A.M. Stanković, "Power-Factor Compensation is Equivalent to Cyclodissipassivation", American Control Conference, pp. 6043-6048, July 2007.
 40. A.T. Saric, A.M. Stanković, "Finitely Adaptive Linear Programming in Robust Power System Optimization", Proceedings of the 2007 IEEE Powertech, Lausanne, Switzerland, pp. 208-213, July 2007.
 41. H. Lev-Ari, A.M. Stanković, "Fundamental Performance Limits in Lossy Polyphase Systems: Apparent Power and Optimal Compensation", IEEE International Symposium on Circuits and Systems, pp. 61-64, May 2007.
 42. A. Giusto, R. Ortega, A.M. Stanković, "On Transient Stabilization of Power Systems: A Power-Shaping Solution for Structure-Preserving Models" , 45th IEEE Conference on Decision and Control, pp. 4027-4031, Dec. 2006.

43. A.T. Sarić and A.M. Stanković, "Ellipsoidal Approximation to Uncertainty Propagation in Boundary Power Flow", Proceedings of 2006 IEEE Power Systems Conference and Exposition (PSCE 2006), Atlanta, GA, Oct. 2006.
44. A.T. Sarić and A.M. Stanković, "Approximation of Feasible Sets in Energy System Applications via Convex Optimization", Proceedings of 2006 IEEE/PES Power Systems Conference and Exposition (PSCE 2006), Atlanta, GA, Oct. 2006.
45. H. Rodriguez-Cortes, A.M. Stanković, C.N. Hadjicostis, "Model-Based Fault Detection in Power Systems", IEEE International Symposium on Industrial Electronics, Vol. 3, pp. 1922-1927, July 2006.
46. V. Oleschuk, F. Profumo, G. Griva, R. Bojoi, A.M. Stanković, "Analysis and Comparison of Basic Schemes of Synchronized PWM for Dual Inverter-Fed Drives", IEEE International Symposium on Industrial Electronics, Volume 3, pp. 2455 - 2461, July 2006.
47. H. Lev-Ari and A. M. Stanković, "Fundamental Principles in Orthogonal Decomposition of Current and Apparent Power", Seventh Intl. Workshop on Power Denitions and Measurements under Non-Sinusoidal Conditions, Cagliari, Italy, pp. 15-20, July 2006.
48. H. Lev-Ari and A. M. Stanković, "Optimizing Power Flows in Lossy Polyphase Systems: E cts of Source Impedance", Seventh Intl. Workshop on Power Definitions and Measurements under Non-Sinusoidal Conditions, Cagliari, Italy, pp. 78-83, July 2006.
49. V. Oleschuk, A. Sizov, F. Profumo, A. Tenconi, A.M. Stanković, "Multilevel Dual Inverter-Fed Drives with Algorithms of Synchronized PWM", 37th IEEE Power Electronics Specialists Conference PESC '06, pp. 1-7, June 2006.
50. V. Oleschuk, F. Profumo, A. Tenconi, A.M. Stanković, "Synchronous Control of Cascaded Three-Level Inverters", 12th International Power Electronics and Motion Control Conference, pp. 240 - 245, Aug. 2006.
51. V. Oleschuk, R. Bojoi, F. Profumo, A.M. Stanković, "Operation of Six-Phase Drives with Synchronized PWM in the Overmodulation Region", IEEE International Conference on Industrial Technology ICIT 2006, pp. 1293 - 1300, Dec. 2006.
52. V. Oleschuk, F. Profumo, A. Tenconi, R. Bojoi, A.M. Stanković, "Synchronization of Voltage Waveforms in Basic Topologies of Dual Inverter-Fed Motor Drives", CES/IEEE 5th International Power Electronics and Motion Control Conference IPEMC '06, Volume 3, pp. 1 - 6, Aug. 2006.
53. V. Oleschuk, F. Profumo, A. Tenconi, R. Bojoi, A.M. Stanković, "Cascaded Three-Level Inverters with Synchronized Space-Vector Modulation", 41st IEEE Industry Applications Society Annual Meeting, Vol. 2, pp. 595 - 602, Oct. 2006

54. V. Oleschuk, V. Ermuratski, F. Profumo, A. Tenconi, R. Bojoi, A.M. Stanković, "Novel schemes of synchronous PWM for dual inverter-fed drives with cancellation of the zero sequence currents", International Symposium on Power Electronics, Electrical Drives, Automation and Motion SPEEDAM 2006, pp. 451 - 456, May 2006.
55. R. Ortega, E. Garcia-Canseco, R. Grino, A.M. Stanković, "A cyclo-dissipativity condition for power factor improvement in electrical circuits", American Control Conference, pp. 2492-2497, June 2006.
56. B. Grcar, P. Cafuta, G. Stumberger, H.R. Cortes, A.M. Stanković, "Non-holonomy in IM torque control", 9th IEEE International Workshop on Advanced Motion Control, pp. 573-578, July 2006.
57. S. Gomes, N. Martins, A.M. Stanković, "Improved Controller Design Using New Dynamic Phasor Models of SVCs Suitable For High Frequency Analysis" , IEEE PES Transmission and Distribution Conference 2005/2006, pp. 1436-1444, May 2006.
58. V. Oleschuk, A. Sizov, E. Yaroshenko and A.M. Stanković, "Synchronous Control of Multilevel Cascaded Converters with Separate DC-Link Sources", Proc. of the IEEE Int'l Conf. on Industrial Technology ICIT'2005, Hong Kong, pp.1086-1091, Dec. 2005.
59. V. Oleschuk, B.K. Bose, A.M. Stanković and A. Sizov, "Phase-Shift-Based Synchronous Modulation for an Open-End Winding Motor Drive with Elimination of Zero Sequence Currents", Proc. of the IEEE Power Electronics and Drive Systems Conf. PEDS'2005, Kuala Lumpur, Malaysia, pp.325-330, Nov. 2005.
60. V. Oleschuk, F. Blaabjerg, Z. Chen and A.M. Stanković, "Synchronized PWM Scheme for Dual Inverter-Fed Drive with Zero Common-Mode Voltages", Proc. of the IEEE Industrial Electronics Conf. IECON'2005, Raleigh, NC, pp.1076-1081, Nov. 2005.
61. H. Lev-Ari and A. M. Stanković, "Optimization of Power Flows in Polyphase Systems with Significant Source Impedance", 37-th North American Power Symposium, Ames, IA, Oct. 2005.
62. H. Lev-Ari, A. M. Stanković and S. J. Ceballos, "An Orthogonal Decomposition of Apparent Power With Application to an Industrial Load", 15-th Power Systems Computation Conference, Liege, Belgium, Aug. 2005.
63. A. T. Sarić, B. Gliović and A. M. Stanković, "An Optimization Approach to Uncertainty Propagation in Boundary Load Flow", 15-th Power Systems Computation Conference, Liege, Belgium, Aug. 2005.
64. V. Oleschuk, A. Sizov, A.M. Stanković and E. Yaroshenko, "Symmetrical Wide-Range Voltage Control of Modular Converters", Proc. of the IEEE Int'l Symp. on Signals, Circuits and Systems ISSCS'2005, Iasi, Romania, pp.453-456, July 2005.

65. V. Oleschuk, A.M. Stanković, A. Sizov and E. Yaroshenko, "Analysis of Control Regimes of Three-Level Inverters with Synchronized Space-Vector Modulation", Proc. of the IEEE Int'l Symp. on Industrial Electronics ISIE'2005, Dubrovnik, Croatia, pp.663-668, June 2005,
66. V. Oleschuk, F. Blaabjerg and A.M. Stanković, "Direct Time-Domain-Based Approach for Study of Space-Vector Pulsewidth Modulation", Proc. of the IEEE Power Electronics Education Workshop PEEW'2005, Recife, Brazil, pp. 87-93, June 2005.
67. E. Santi, D. Li, A. Monti, A. M. Stanković, "A Geometric Approach to Large-signal Stability of Switching Converters under Sliding Mode Control and Synergetic Control", 36th IEEE Power Electronics Specialists Conference, Brazil, June 2005.
68. V. Oleschuk, V. Ermuratski and A.M. Stanković, "Modular Converters with Synchronized Control in the Overmodulation Zone", Proc. of the IEEE Power Electronics Specialists Conf. PESC'2005, Recife, Brazil, pp.1227-1233, June 2005,
69. H. Rodriguez, C. N. Hadjicostis and A. M. Stanković, "Detuning Detection on Induction Motors", 43th IEEE Conference on Decision and Control, Paradise Island, The Bahamas, Dec. 2004
70. A.T. Sarić, A.M. Stanković, A.L. Soyster, B. Lehman, "Effects of Model Uncertainty on Security Assessment in Deregulated Power Systems", IEEE Power Systems Conference and Exposition, New York, NY, Oct. 2004.
71. H. Lev-Ari and A.M. Stanković, "Hilbert Space Techniques for Reactive Power Compensation in Polyphase Systems with Unequal Line Resistances," IEEE International Conference on Harmonics and Quality of Power (ICHQP), Lake Placid, NY, Sept. 2004.
72. E. Delaleau, A.M. Stanković, "Flatness-Based Hierarchical Control of the PM Synchronous Motor", American Control Conference, Boston, MA, Vol. 1, pp. 65-70, June 2004.
73. H. Rodriguez-Cortes, C. Hadjicostis, A.M. Stanković, "Model-based Broken Rotor Bar Detection on an IFOC-driven Squirrel Cage Induction Motor", American Control Conference, Boston, MA, Vol. 4, pp. 3094 - 3099, June 2004.
74. H. Lev-Ari, A.M. Stanković, K. Xu and M.M. Perišić, "Hilbert Space Techniques for Trade-Offs in Reactive Power Compensation," Proceedings of the IEEE International Symposium on Circuits and Systems, Vancouver, Canada, Vol. V, pp. 976-979, May 2004.
75. H. Lev-Ari and A.M. Stanković, "Hilbert Space Techniques for Reactive Power Compensation with Limited Current Bandwidth," Proceedings of the IEEE International Symposium on Circuits and Systems, Vancouver, Canada, Vol. V, pp. 904-907, May 2004.
76. B. Grčar, P. Cafuta, G. Stumberger, A.M. Stanković, "New IM torque control with implicit rotor field tracking and efficiency maximization", The 8th IEEE International Workshop on Advanced Motion

Control, AMC '04, pp. 59 - 64, March 2004.

77. E. Delaleau, A.M. Stanković, "Modeling and Simulation of the Induction Motor with Position-Dependent Load Torque", IEEE Conference on Decision and Control, Maui, HI, pp. 6212-6217, Dec. 2003.

78. A.M. Stanković, H. Lev-Ari, M. Perišić, "Kalman Filter-Based Estimation of Short-Time Fourier Coefficients in Energy Applications", IEEE Conference on Decision and Control, Maui, HI, pp. 6327-6332, Dec. 2003.

79. G. Escobar, A.M. Stanković, P. Mattavelli, H. Leyva, "An Adaptive Controller for UPS to Compensate Unbalance and Harmonic Distortion Using a Combined Capacitor/Load Current Approach", IEEE IECON, Roanoke, VA, pp. 378-382, Nov. 2003.

80. M. Velez-Reyes, M. Mijalković, A.M. Stanković, S. Hiti, J. Nagashima, "Output Selection for Tuning of Field-Oriented Controllers: Steady-State Analysis", IEEE Industry Application Society Annual Meeting, Salt Lake City, UT, Oct. 2003.

81. E. Delaleau, A.M. Stanković, "Dynamic Phasor Modeling of the Doubly-Fed Induction Machine in Generator Operation", Fourth International Workshop on Large Scale Integration of Wind Power and Transmission Networks for Offshore Wind Farms, Billund, Denmark, Oct. 2003.

82. H. Lev-Ari, A.M. Stanković, "Analysis and Optimization in Design of Randomized PWM Switching Patterns in DC/DC Converters", IEEE Power Electronics Specialists Conference, Acapulco, Mexico, pp. 1583-1588, June 2003.

83. A.M. Stanković, A.T. Sarić, "An Integrative Approach to Transient Power System Analysis with Standard and ANN-based Dynamic Models", IEEE Powertech 2003, Bologna, Italy, pp. 282-287, June 2003.

84. H. Lev-Ari, A.M. Stanković, "Denying Reactive Power in Circuit Transients via Local Orthonormal Representations", Caribbean Colloquium on Power Quality, San Juan, Puerto Rico, June 2003.

85. G. Escobar, A.M. Stanković, V. Cardenas, P. Mattavelli, "An controller to Compensate Voltage Sags, Unbalance and Harmonic Distortion Using a Series Active Filter ", IEEE Conf. on Decision and Control, Las Vegas, pp. 3091-3096, Dec. 2002.

86. G. Escobar, A.M. Stanković, V. Cardenas, P. Mattavelli, "An Adaptive Controller for a Series Active Filter to Compensate Voltage Sags, Unbalance and Harmonic Distortion", IEEE Intl. Power Electronics Congress - CIEP'02 , Guadalajara, Mexico, pp. 275-280, Oct. 2002.

87. G. Escobar, A.M. Stanković, V. Cardenas, P. Mattavelli, "A controller based on resonant filters for a series active filter used to compensate current harmonics and voltage unbalance", IEEE Conf.

on Control Applications, Glasgow, Scotland, Vol. 1, pp. 7-12, Aug. 2002.

88. G. Escobar, A.M. Stanković, R. Ortega, A. Astol, "An adaptive controller for the TCSC based on the immersion and invariance design technique", Power Systems Computation Conference, Sevilla, Spain, Paper10/4, June 2002.

89. H. Lev-Ari, A.M. Stanković, "Denying Reactive Power in Circuit Transients via Local Fourier Coefficients", IEEE Intl. Symp. on Circuits and Systems, Vol. 5, pp. 689-692, May 2002.

90. H. Lev-Ari, A.M. Stanković, "Statistical Analysis of Power Spectra of Signals Governed by Markov Chains", IEEE Intl. Symp. on Circuits and Systems, Vol. 4, pp. 560 -563, May 2002.

91. J. Chiasson, D. Seto, F. Sun, A.M. Stanković, S. Borto, "Independent Control of Two PM Motors Using a Single Inverter: Application to Elevator Doors", Proc. of the American Control Conference, Anchorage, AK, pp. 3093-3098, May 2002.

92. G. Escobar, A.M. Stanković, R. Ortega, P. Mattavelli, "On the nonlinear control of TCSC", 35-th Hawaii International Conference on System Science, Jan. 2002.

93. E. Galvan, J.M. Carrasco, R. Ortega, G. Escobar, A.M. Stanković, "A family of switching control strategies for the reduction of torque ripple on the direct torque and flux control for induction motors", IEEE Conf. Industrial Electronics - IECON'01, pp. 1274 -1279, Dec. 2001.

94. J.M. Carrasco, E. Galvan, M. Perales, G. Escobar, A.M. Stanković, P. Mattavelli, "Direct Current Control: A novel control strategy for harmonic and reactive compensation with active filters under unbalanced operation", IEEE Conf. Industrial Electronics - IECON'01, pp. 1138 -1143, Dec. 2001.

95. V. Petrović, A.M. Stanković, "Modeling of PM Synchronous Motors for Control and Estimation Tasks", IEEE Conference on Decision and Control, pp. 2229-2234, Dec. 2001.

96. V. Petrović, M. Velez-Reyes and A.M. Stanković "Sensitivity Analysis of Injection-Based Position Estimation in PM Synchronous Motors", Intl. Conf. on Power Electronics and Drive Systems PEDS'01, Indonesia, pp. 738-742, Oct. 2001.

97. V. Petrović and A.M. Stanković, "Saliency-Based Position Estimation in PM Synchronous Motors", IEEE IAS Annual Meeting , pp. 801-806, Oct. 2001.

98. P.Č. Stefanov, A.M. Stanković and M.S. Čalović, "Dissipativity-Based Control of a Supplementary Controller for UPFC", Balkan Power Conference, Bled, Slovenia, pp. 184-190, Sep. 2001.

99. B. Grčar, P. Cafuta, G. Štumberger, A.M. Stanković, "Pulsating Torque Reduction for Permanent Magnet AC Motors", IEEE Conference on Control Applications, Mexico City, pp. 288-293, Sep. 2001.

100. G. Escobar, A.M. Stanković, P. Mattavelli and R. Ortega, "A Comparative Study of Three Nonlinear Controllers for TCSC", IEEE Powertech 2001, Porto, Portugal, pp. 422-427, Sep. 2001.
101. P. Mattavelli, G. Escobar, A.M. Stanković, "An Adaptive Controller in Stationary Reference Frame for D-Statcom in Unbalanced Operation", European Power Electronics Conference, Graz, Austria, Aug. 2001.
102. R. Ortega, M. Galaz-Larios, A.S. Bazanella, A.M. Stanković, "Excitation Control of Synchronous Generators via Total Energy Shaping" American Control Conference, pp. 817 -822, June 2001.
103. G. Escobar, A.M. Stanković, D. Perreault, "Regulation and Compensation of Source Harmonics for the Boost Converter Based Power Factor Precompensator" IEEE Power Electronics Specialists Conference, Vancouver, Canada, pp. 539-544, June 2001.
104. P. Mattavelli, G. Escobar, A.M. Stanković, "Dissipativity-Based Adaptive and Robust Control of UPS in Unbalanced Operation", IEEE Power Electronics Specialists Conference, Vancouver, Canada, pp. 1862-1867, June 2001.
105. A. M. Stanković, T. Aydin, "Analysis of asymmetrical faults in power systems using dynamic phasors", Proceedins of the IEEE Power Engineering Society Transmission and Distribution Conference 3, pp. 1957.
106. A.M. Stanković, B.C. Lesieutre, A. Megretski, "Application of convex programming to rescheduling of transactions in a deregulated power market", 2000 Proceedings of the IEEE Conference on Decision and Control 4, pp. 4170-4173.
107. G. Tadmor, L. Jiang, V. Petrović, A.M. Stanković, "Sensorless Control of PMSM with a Passivity-Based Observer", Naval Symposium on Electric Machines, Dec. 2000.
108. V. Petrović, R. Ortega, A.M. Stanković, "An Energy-Based Nonlinear Controller for PM Synchronous Motors", Naval Symposium on Electric Machines, Dec. 2000.
109. B.C. Lesieutre, A.M. Stanković, J.A. Mohamed, "Analysis of Ferroresonance in Three-Phase Transformers", IEEE POWERCON'2000, Dec. 2000.
110. P.C. Stefanov, A.M. Stanković, "Dynamic Phasors in Modeling of UPFC Under Unbalanced Conditions" IEEE POWERCON'2000, Dec. 2000.
111. A.M. Stanković, B.C. Lesieutre, A. Megretski, "Application of Convex Programming to Rescheduling of Transactions in a Deregulated Power Market", IEEE Conference on Decision and Control, pp. 4170-4173, Dec. 2000.
112. G. Escobar, A.M. Stanković, P. Mattavelli, "Reactive Power, Unbalance and Harmonic

- Compensation Using D-STATCOM with a Dissipativity-Based Controller", IEEE Conference on Decision and Control, pp. 3051-3056, Dec. 2000.
113. J.M. Carrasco, E. Galvan, G. Escobar, A.M. Stanković, R. Ortega, "Passivity-Based Controller for a Three Phase Synchronous Rectifier", Annual Meeting of the IEEE Industrial Electronics Society - IECON'00, pp. 2629-2634, Nov. 2000.
114. A.M. Stanković, "On Model-Based Linear Estimation of Dynamic Phasors", North American Power Symposium, pp. 4.24-4.30, Oct. 2000.
115. A.M. Stanković, G. Escobar, P. Mattavelli, "Reactive Power and Unbalance Compensation Using Statcom with a Dissipativity-Based Control", IEEE IAS Annual Meeting, Oct. 2000.
116. B. Grčar, M. Žnidarić, A.M. Stanković, "Dynamic Phasors in Power System Analysis and Protection Design", 12-th Intl. Conf. on Power System Protection PSP2000, Bled, Slovenia, pp. 207-212, Sep. 2000.
117. A.M. Stanković, G. Escobar, P. Mattavelli, "Passivity-Based Controller for Harmonic Compensation in Distribution Lines with Nonlinear Loads", IEEE Power Electronics Specialists Conference, pp. 1143-1148, June 2000.
118. J.M. Carrasco, E. Galvan, G. Escobar, A.M. Stanković, R. Ortega, "Direct Active and Reactive Power Control (DPQ) for a Three-Phase Synchronous Rectifier", IEEE Power Electronics Specialists Conference, pp. 737-742, June 2000.
119. A.M. Stanković, H. Liu, "Modeling, Analysis and Simulation of Single Phase Induction Machines with Position-Dependent Loads", IEEE Nordic Workshop on Power and Industrial Electronics, Aalborg, Denmark, pp. 27-31, June 2000.
120. A.M. Stanković, H. Lev-Ari, "A Frequency-Domain Interpretation on Notions of Reactive Power", Nordic Workshop on Power and Industrial Electronics, Aalborg, Denmark, pp. 283-287, June 2000.
121. G. Escobar, A.M. Stanković, P. Mattavelli, F. Gordillo, J. Aracil, "From Adaptive PBC to PI Nested Control for Statcom", Proc. IFAC Workshop on Digital Control: Past, Present and Future of PID Control, Terrazas, Spain, pp. 459-464, Apr. 2000.
122. A.M. Stanković, P. Mattavelli, V. Caliskan, G.C. Verghese, "Modeling and Analysis of FACTS Devices with Dynamic Phasors", IEEE Power Engineering Society Winter Meeting, Jan. 2000.
123. P. Mattavelli, A.M. Stanković, "Energy-Based Compensation Strategy for Active Filters", IEEE Conference on Decision and Control, pp. 4656-4661, Dec. 1999.
124. V. Petrović, R. Ortega, A.M. Stanković, "A Globally Convergent Energy-Based Controller for PM Synchronous Motors", IEEE Conference on Decision and Control, pp. 334-340, Dec. 1999.

125. J.M. Carrasco, G. Escobar, E. Galvan, R. Ortega, A.M. Stanković, "Adaptive Controllers for the Series Resonant Converter: An Experimental Comparative Study", Annual Meeting of the IEEE Industrial Electronics Society - IECON'99, Nov. 1999.
126. A.M. Stanković, "A Frequency-Domain Interpretation of Notions of Reactive Power in Periodic Polyphase Circuits", North American Power Symposium, pp. 424-430, Oct. 1999.
127. P. Mattavelli, A.M. Stanković, "Dissipativity-Based Control for STATCOM", IEEE Powertech Conference, Budapest, Hungary, Sep. 1999.
128. A.M. Stanković, "Dynamic Phasors in Modeling of Arcing Faults on Overhead Lines", International Conference on Power System Transients, pp. 510-514, June 1999.
129. I. Agirman, A.M. Stanković, G. Tadmor, "Observer-Based Adaptive Torque Ripple Minimization in Switched Reluctance Machines Using Back-stepping", IEEE Power Electronics Specialists Conference, pp. 820-825, June 1999.
130. P. Mattavelli, A.M. Stanković, "Dynamical Phasors in Modeling and Control of Active Filters", IEEE International Symposium on Circuits and Systems, Vol. 5, pp. 278-282, May 1999.
131. I. Agirman, A.M. Stanković, G. Tadmor, "Adaptive Torque Ripple Minimization in Switched Reluctance Motors (SRMs)", IEEE Conference on Decision and Control, pp. 983-989, Dec. 1998.
132. T.A. Sakharuk, A.M. Stanković, G. Tadmor, "Effects of Low Switching Frequency on Synchronous AC Drives", IEEE Conference on Decision and Control, pp. 4664-4669, Dec. 1998.
133. Z. Zhao, A.M. Stanković, G. Tadmor, "A Study of Power System Dissipativity Using Artificial Neural Network", North American Power Symposium, Cleveland, OH, pp. 241-246, Oct. 1998.
134. A.M. Stanković, S.R. Sanders, T. Aydin, "Analysis of Unbalanced AC Machines with Dynamic Phasors" Naval Symposium on Electric Machines, pp. 219-224, Oct. 1998.
135. I. Agirman, A.M. Stanković, G. Tadmor, "Adaptive Torque Ripple Minimization in Switched Reluctance Motors (SRMs) with Low Complexity Models", Naval Symposium on Electric Machines, pp. 247-253, Oct. 1998.
136. T.A. Sakharuk, A.M. Stanković, G. Tadmor, "Effects of Low Switching Frequency on Permanent Magnet AC Drives", Naval Symposium on Electric Machines, pp. 265-272, Oct. 1998.
137. R. Ortega, A.M. Stanković, P.C. Stefanov, "A Passivation Approach to Power System Stabilization", IEEE Symp. on Nonlinear Control Systems NOLCOS'98, June 1998.
138. V. Petrović, R. Ortega, A.M. Stanković, G. Tadmor, "An Adaptive Controller for Minimization of Torque Ripple in PM Synchronous Motors", Power Electronics Specialists Conference, pp. 113-118, May 1998.

139. O.Y. Bas, A.M. Stanković, G. Tadmor, "Passivity-Based Sensorless Control of a Non-salient Rotor Permanent Magnet Synchronous Motors", IEEE Conference on Decision and Control, San Diego, CA, pp. 239-244, Dec. 1997.
140. A.M. Stanković, P.C. Stefanov, G. Tadmor, D.J. Šobajić, "A Dissipativity Approach to Suppression of Low Frequency Oscillations in Power Systems", North American Power Symposium, Laramie, WY, pp. 43-48, Oct. 1997.
141. A.M. Stanković, B.C. Lesieutre, T. Aydin, "Phasor-Dynamic Approach to Modeling and Analysis of Single-Phase Induction Machines", North American Power Symposium, Laramie, WY, pp. 276-281, Oct. 1997.
142. V. Davidkovich, A.M. Stanković, G. Tadmor, "Analysis and Experiments with Dissipativity-Based Control of PM Synchronous Motors", IEEE Industry Applications Society Annual Meeting, New Orleans, LA, pp. 451-458, Oct. 1997.
143. T. A. Sakharuk, B. Lehman, A.M. Stanković, G. Tadmor, "Effects of Finite Switching Frequency and Computational Delay on PWM Controlled Servo DC Drives", IEEE Industry Applications Society Annual Meeting, New Orleans, LA, pp. 699-707, Oct. 1997.
144. O.Y. Bas, V. Davidkovich, A.M. Stanković, G. Tadmor, "A Dissipativity-Based Approach to Adaptive Control of PM Synchronous Motors", IEEE Conference on Control Applications, Hartford, CT, pp. 238-243, Oct. 1997.
145. O.Y. Bas, V. Davidkovich, A.M. Stanković, G. Tadmor, "Globally Stable Adaptive Control of Permanent Magnet Synchronous Motors", Naval Symposium on Electric Machines, Newport, RI, Jpp. 119-126, uly 1997.
146. A. Barnett, V. Davidkovich, A.M. Stanković, G. Tadmor, "A Versatile Test-Bed for Evaluation of Controllers for Permanent Magnet AC Drives", Naval Symposium on Electric Machines, Newport, RI, pp. 259-265, July 1997.
147. V. Davidkovich, A.M. Stanković, G. Tadmor, "Dissipativity-Based Control of PM Synchronous Motors with Guaranteed Convergence Rates", IEEE International Symposium on Industrial Electronics, Guimaraes, Portugal, pp. 95-100, July 1997.
148. A.M. Stanković, D.J. Perreault, K. Sato, "Analysis and Experimentation with Dissipative Nonlinear Controllers for Series Resonant DC/DC Converters", IEEE Power Electronics Specialists Conference, pp. 679-685, June 1997.
149. V. Davidkovich, A.M. Stanković, G. Tadmor, "Global Controllers for PM Synchronous Motors", Energy, Power and Motion Control Congress, Haifa, Israel, pp. 1-6, May 1997.
150. T. Sakharuk, A.M. Stanković, G. Tadmor, S. Dussy, "An Examination of Servo DC Motor

	<p>Controller Structure Using Robust Synthesis", Energy, Power and Motion Control Congress, Haifa, Israel, pp. 94-99, May 1997.</p> <p>151. A.M. Stanković, B.C. Lesieutre, T. Aydin, "Applications of Generalized Averaging to Synchronous and Induction Machines," North American Power Symposium, pp. 277-282, Nov. 1996.</p> <p>152. E.A. Marengo, A.M. Stanković, "Markov Chains as a Framework for Modeling and Analysis of Power System Harmonics", North American Power Symposium, pp. 573-580, Nov. 1996.</p> <p>153. A.M. Stanković, G. Tadmor, Z. Čorić, "Low Torque Ripple Control of Current-Fed Switched Reluctance Motors", IEEE Industry Applications Society Annual Meeting, Vol. 1, pp. 84-91, Oct. 1996.</p> <p>154. V. Caliskan, G.C. Verghese, A.M. Stanković, "Multi-Frequency Averaging of DC/DC Converters", IEEE Workshop on Computers in Power Electronics, Portland, OR, pp. 113-119, Aug. 1996.</p> <p>155. A.M. Stanković, G. Tadmor, T. Sakharuk, "Robustness Issues in Automatic Generation Control Analysis and Design", World Congress of the International Federation for Automatic Control (IFAC), Symp. 7d-06, pp. 181-186, July 1996.</p> <p>156. A.M. Stanković, "A Dissipativity Based Controller for Series Resonant DC/DC Converters", IEEE Power Electronics Specialists Conference, Baveno, Italy, pp. 1844-1849, June 1996.</p> <p>157. C.A. Jacobson, A.M. Stanković, G. Tadmor, M.A. Stevens, "QFT Design for Passive Systems with Applications to Power System Stabilizers", 1995 ASME International Mechanical Engineering Congress, Proc. of the ASME Dynamic Systems and Control Division, pp. 333-339, Nov. 1995.</p> <p>158. A.M. Stanković, G. Tadmor, T. Sakharuk, "A Note on Robustness Issues in Automatic Generation Control", North American Power Symposium, Montana State University, pp. 493-498, Oct. 1995.</p> <p>159. C.A. Jacobson, A.M. Stanković, G. Tadmor, M.A. Stevens, "A Dissipativity Framework for Power System Stabilizer Design", IEEE-ASME Control Applications Conference, pp. 1027-1032, Sep. 1995.</p> <p>160. C.A. Jacobson, A.M. Stanković, G. Tadmor, "Design of Robust Controllers for Resonant DC/DC Converters", IEEE-ASME Control Applications Conference, pp. 360-365, Sep. 1995.</p> <p>161. B.C. Lesieutre, A.M. Stanković, J.R. Lacalle-Melero, "A Study of State Variable Participation in Nonlinear Limit Cycle Behavior", IEEE-ASME Control Applications Conference, pp. 79-84, Sep. 1995.</p> <p>162. A.M. Stanković, G.C. Verghese, D.J. Perreault, "Randomized Modulation Schemes for Power</p>
--	--

	<p>Converters Governed by Markov Chains", IEEE-ASME Control Applications Conference, pp. 372-377, Sep. 1995.</p> <p>163. A.M. Stanković, B.C. Lesieutre, "Parametric Variations of Induction Machine Models: A Statistical Characterization", IEEE-ASME Control Applications Conference, pp. 973-978, Sep. 1995.</p> <p>164. C.A. Jacobson, A.M. Stanković, G. Tadmor, Z. Čorić, "A Family of Robust Control Strategies for Switched Reluctance Motors", International Conference on Power Electronics and Drives PEDS'95, Singapore, pp. 192-197, Feb. 1995.</p> <p>165. B.C. Lesieutre and A.M. Stanković, "Aggregate Induction Machine Modeling Using Probabilistic Techniques", North American Power Symposium, Kansas State University, pp. 595-604, Sep. 1994.</p> <p>166. M.O. Eissa, S.B. Leeb, G.C. Verghese, A.M. Stanković, "A Fast Analog Controller for a Unity Power Factor AC/DC Converter", IEEE Applied Power Electronics Conference, Orlando, pp. 551-555, Feb. 1994.</p> <p>167. A.M. Stanković, G. Verghese, D. Perreault, "Analysis and Synthesis of Random Modulation Schemes for Power Converters", IEEE Power Electronics Specialists Conference, Seattle, pp. 1068-1074, June 1993.</p> <p>168. A.M. Stanković, G.C. Verghese, R.O. Hinds, "Monte-Carlo Verification of Power Spectrum Formulas for Random Modulation Schemes", IEEE Workshop on Computers in Power Electronics, Berkeley, pp. 187-194, June 1992.</p> <p>169. A.M. Stanković, G.C. Verghese, X. Liu, J. Thottuvelil, "Fast Controllers for High Power factor AC-DC Converters", European Power Electronics Conference, Florence, Italy, Sep. 1991.</p> <p>170. B. Peruničić, M. Ilić, A.M. Stanković, "Short Time Stabilization of Power Systems via Line Switching", IEEE International Symposium on Circuits and Systems, Espoo, Finland, pp. 917-921, June 1988.</p> <p>171. M. Ilić, A.M. Stanković, "Feasibility Problems in Transferring Large Reactive Power Over Large Distances", IEEE Conference on Decision and Control, Los Angeles, pp. 399-407, Dec. 1987.</p> <p>172. A.M. Stanković, "Graph Theory Approach to Distribution System Security", Yugoslav Power Meeting, Budva, Rep. 39.15, Apr. 1987.</p> <p>173. A.M. Stanković, M.S. Čalović, "Operational Security of Electric Power Distribution Systems", Yugoslav Symposium on Power System Operation and Control, Ljubljana, pp. 55-59, Oct. 1985.</p>
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РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ		
ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА		По бази података Scopus (на дан 22.11.2018): Documents: 216, Citations: 6039, h-index: 34
МЕЂУНАРОДНА РЕПУТАЦИЈА	ГОСТ УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	
	ПРЕДСЕДАВАО МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	<ul style="list-style-type: none"> • Co-Chairman, 43rd IEEE North American Power Symposium (NAPS 2011)
	ЧЛАНСТВО У УРЕЂИВАЧКИМ ОДБОРИМА МЕЂУНАРОДНИХ НАУЧНИХ ЧАСОПИСА	<ul style="list-style-type: none"> • Associate Editor, Annual Reviews in Control, (2015-). • Associate Editor, IEEE Transactions on Power Systems, (2014- 2018). • Associate Editor, IEEE Transactions on Smart Grid (2011-2014). • Associate Editor, IEEE Transactions on Power Systems (2001- 2010). • Associate Editor, IEEE Power Engineering Society Letters (2004-2010). • Associate Editor, IEEE Transactions on Control System Technology (1997-2001). • Associate Editor, IEEE Circuits and Systems Magazine (2003-2008).
	АУТОР МЕЂУНАРОДНЕ МОНОГРАФИЈЕ	<ul style="list-style-type: none"> • Co-editor of book series on Power Systems and Power Electronics for Springer (2003-). <p>2016(1) A.T. Saric, A.M. Stankovic, “New Methodologies for Large-Scale Power System Dynamic Chapters Analysis”, in A. Vaccaro, A. Zobaa (Eds.), <i>Wide Area Monitoring, Protection and Control Systems: The Enabler for Smarter Grids</i>, IET-The Institution of Engineering and Technology.</p> <p>2010(1) C.N. Hadjicostis, H.R. Cortes, A.M. Stankovic, “Dynamical Models in Fault Tolerant Operation and Control of Energy Processing Systems”, in J. Momoh, L. Mili (Eds.), <i>Operation and Control of Electric Energy Processing Systems</i>, Wiley / IEEE Press.</p> <p>2001(2) G.C. Verghese, A.M. Stankovic, “Introduction to Power Electronic Converters and Models”, in S. Banerjee, G.C. Verghese (Eds.), <i>Nonlinear Phenomena in Power Electronics</i>, IEEE Press.</p> <p>A.M. Stankovic, G. Escobar, R. Ortega, S.R. Sanders, “Energy-Based Control in Power Electronics”, in S. Banerjee, G.C. Verghese (Eds.), <i>Nonlinear Phenomena in Power Electronics</i>, IEEE Press.</p>

НАПОМЕНА	
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