

Ivan Markovsky's Publications



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Overview

Number of publications per category:

A	scientific monographs	2
B	articles in monographs	8
C	articles in journals	49
I1	articles in conference proceedings	38

Number of citations as of 30 January 2017:

919	Web of Science (WoS)	h-index 15
2599	Google Scholar (GS)	h-index 25

Pdf files and computer code, implementing the methods and allowing [reproducibility](#) of the results, are available from: <http://homepages.vub.ac.be/~imarkovs/publications.html>

A. Scientific monographs

A.1. [Markovsky, I.,](#) *Low Rank Approximation: Algorithms, Implementation, Applications*. Springer, 2012. doi: [10.1007/978-1-4471-2227-2](https://doi.org/10.1007/978-1-4471-2227-2). (Citations: 126 in GS).

A.2. [Markovsky, I.,](#) *Exact and Approximate Modeling of Linear Systems: A Behavioral Approach*. SIAM, 2006. doi: [10.1137/1.9780898718263](https://doi.org/10.1137/1.9780898718263). (Citations: 97 in GS).

B. Articles in monographs (internationally peer reviewed)

B.1. [Markovsky, I.,](#) "System identification in the behavioral setting: A structured low-rank approximation approach". In: *Latent Variable Analysis and Signal Separation*. Ed. by E. Vincent et al. Vol. 9237. Lecture Notes in Computer Science. Springer, 2015, pp. 235-242. isbn: 978-3-319-22481-7.

B.2. [Markovsky, I.,](#) "Rank constrained optimization problems in computer vision". In: *Regularization, Optimization, Kernels, and Support Vector Machines*. Ed. by A. Argyriou J. Suykens M. Signoretto. Pattern Recognition. Chapman & Hall/CRC Machine Learning, 2014. Chap. 13, pp. 293-312. isbn: 9781482241396.

B.3. [Markovsky, I.,](#) Usevich, K., "Nonlinearly structured low-rank approximation". In: *Low-Rank and Sparse Modeling for Visual Analysis*. Ed. by Yun Raymond Fu. Springer, 2014, pp. 1-22. doi: [10.1007/978-3-319-12000-3_1](https://doi.org/10.1007/978-3-319-12000-3_1).

B.4. [Markovsky, I.,](#) "Algorithms and iterate programs for weighted low-rank approximation with missing data". In: ed. by A. Iske et al. Vol. 3. Springer, 2011. Chap. 12, pp. 255-273. doi: [10.1007/978-3-642-16876-5_12](https://doi.org/10.1007/978-3-642-16876-5_12).

B.5. Markovsky, I., Amann, A., Van Huffel, S., “Application of filtering methods for removal of resuscitation artifacts from human ECG signals”. In: *System Identification, Environmental Modelling, and Control System Design*. Ed. by L. Wang, H. Garnier, and T. Jakeman. Springer, 2009. doi: [10.1007/978-0-85729-974-1_14](https://doi.org/10.1007/978-0-85729-974-1_14).

B.6. Markovsky, I., Van Huffel, S., “On weighted structured total least squares”. In: *Large-Scale Scientific Computing*. Ed. by I. Lirkov, S. Margenov, and J. Waśniewski. Vol. 3743. Lecture Notes in Computer Science. Springer-Verlag, 2006, pp. 695–702. doi: [10.1007/11666806_80](https://doi.org/10.1007/11666806_80).

B.7. Kukush, A., Markovsky, I., Van Huffel, S., “Consistent estimation of an ellipsoid with known center”. In: *Comput. Stat. (COMPSTAT)*. Ed. by J. Antoch. Physica-Verlag, 2004, pp. 1369–1376. isbn: 3-7908-1554-3.

B.8. Kukush, A., Markovsky, I., Van Huffel, S., “On consistent estimators in linear and bilinear multivariate errors-in-variables models”. In: *Total Least Squares and Errors-in-Variables Modeling: Analysis, Algorithms and Applications*. Ed. by S. Van Huffel and P. Lemmerling. Kluwer, 2002, pp. 155–164. doi: [10.1007/978-94-017-3552-0_14](https://doi.org/10.1007/978-94-017-3552-0_14).

C. Articles in journals (internationally peer reviewed)

C.1. Guglielmi, N., Markovsky, I., “An ODE based method for computing the distance of coprime polynomials to common divisibility”. In: *SIAM Journal on Numerical Analysis* (2017).

C.2. Markovsky, I., “A missing data approach to data-driven filtering and control”. In: *IEEE Trans. Automat. Contr.* (2017). doi: [10.1109/TAC.2016.2591178](https://doi.org/10.1109/TAC.2016.2591178).

C.3. Markovsky, I., Mercère, G., “Subspace identification with constraints on the impulse response”. In: *Int. J. Contr.* (2017). doi: [10.1080/00207179.2016.1219922](https://doi.org/10.1080/00207179.2016.1219922).

C.4. Usevich, K., Markovsky, I., “Variable projection methods for approximate (greatest) common divisor computations”. In: *Theoretical Computer Science* (2017).

C.5. Markovsky, I., “On the most powerful unfalsified model for data with missing values”. In: *Systems & Control Lett.* 95 (2016), pp. 53–61. doi: [10.1016/j.sysconle.2015.12.012](https://doi.org/10.1016/j.sysconle.2015.12.012).

C.6. Usevich, K., Markovsky, I., “Adjusted least squares fitting of algebraic hypersurfaces”. In: *Linear Algebra Appl.* 502 (2016), pp. 243–274. doi: [10.1016/j.laa.2015.07.023](https://doi.org/10.1016/j.laa.2015.07.023). (Citations: 2 in WoS, 2 in GS).

C.7. Markovsky, I., “An application of system identification in metrology”. In: *Control Eng. Practice* 43 (2015), pp. 85–93. doi: [10.1016/j.conengprac.2015.07.001](https://doi.org/10.1016/j.conengprac.2015.07.001).

C.8. Markovsky, I., “Comparison of adaptive and model-free methods for dynamic measurement”. In: *IEEE Signal Proc. Lett.* 22.8 (2015), pp. 1094–1097. doi: [10.1109/LSP.2014.2388369](https://doi.org/10.1109/LSP.2014.2388369). (Citations: 2 WoS, 2 GS).

C.9. Markovsky, I., Pintelon, R., “Identification of linear time-invariant systems from multiple experiments”. In: *IEEE Trans. Signal Process.* 63.13 (2015), pp. 3549–3554. doi: [10.1109/TSP.2015.2428218](https://doi.org/10.1109/TSP.2015.2428218).

C.10. Ishteva, M., Usevich, K., Markovsky, I., “Factorization approach to structured low-rank approximation with applications”. In: *SIAM J. Matrix Anal. Appl.* 35.3 (2014), pp. 1180–1204. doi: [10.1137/130931655](https://doi.org/10.1137/130931655).

C.11. Markovsky, I., “Recent progress on variable projection methods for structured low-rank approximation”. In: *Signal Processing* 96PB (2014), pp. 406–419. doi: [10.1016/j.sigpro.2013.09.021](https://doi.org/10.1016/j.sigpro.2013.09.021).

- C.12. Markovsky, I., Usevich, K., "Software for weighted structured low-rank approximation". In: *J. Comput. Appl. Math.* 256 (2014), pp. 278–292. doi: [10.1016/j.cam.2013.07.048](https://doi.org/10.1016/j.cam.2013.07.048). (Citations: 11 in WoS, 39 GS).
- C.13. Markovsky, I., "Realization and identification of autonomous linear periodically time-varying systems". In: *Automatica* 50 (2014), pp. 1632–1640. doi: [10.1016/j.automatica.2014.04.003](https://doi.org/10.1016/j.automatica.2014.04.003).
- C.14. Rhode, S., "A Recursive Restricted Total Least-squares Algorithm". In: *IEEE Trans. Signal Process.* 62.21 (2014), pp. 5652–5662. doi: [10.1109/TSP.2014.2350959](https://doi.org/10.1109/TSP.2014.2350959).
- C.15. Usevich, K., Markovsky, I., "Optimization on a Grassmann manifold with application to system identification". In: *Automatica* 50 (2014), pp. 1656–1662. doi: [10.1016/j.automatica.2014.04.010](https://doi.org/10.1016/j.automatica.2014.04.010). (Citations: 12 in GS).
- C.16. Usevich, K., Markovsky, I., "Variable projection for affinely structured low-rank approximation in weighted 2-norms". In: *J. Comput. Appl. Math.* 272 (2014), pp. 430–448. doi: [10.1016/j.cam.2013.04.034](https://doi.org/10.1016/j.cam.2013.04.034).
- C.17. Markovsky, I., "A software package for system identification in the behavioral setting". In: *Control Eng. Practice* 21.10 (2013), pp. 1422–1436. doi: [10.1016/j.conengprac.2013.06.010](https://doi.org/10.1016/j.conengprac.2013.06.010). (Citations: 8 in WoS, 16 in GS).
- C.18. Markovsky, I., Usevich, K., "Structured low-rank approximation with missing data". In: *SIAM J. Matrix Anal. Appl.* 34.2 (2013), pp. 814–830. doi: [10.1137/120883050](https://doi.org/10.1137/120883050). (Citations: 13 in WoS, 36 in GS).
- C.19. Le, F., "Recursive identification of Hammerstein systems with application to electrically stimulated muscle". In: *Control Eng. Practice* 20.4 (2012), pp. 386–396. doi: [10.1016/j.conengprac.2011.08.001](https://doi.org/10.1016/j.conengprac.2011.08.001). (Citations: 24 in WoS, 39 in GS).
- C.20. Markovsky, I., "On the complex least squares problem with constrained phase". In: *SIAM J. Matrix Anal. Appl.* 32.3 (2011), pp. 987–992. doi: [10.1137/110826497](https://doi.org/10.1137/110826497).
- C.21. Le, F., "Identification of electrically stimulated muscle models of stroke patients". In: *Control Eng. Practice* 18.4 (2010), pp. 396–407. doi: [10.1016/j.conengprac.2009.12.007](https://doi.org/10.1016/j.conengprac.2009.12.007). (Citations: 44 in WoS, 77 in GS).
- C.22. Markovsky, I., "Bibliography on total least squares and related methods". In: *Statistics and Its Interface* 3 (2010), pp. 329–334. (Citations: 10 in WoS, 17 in GS).
- C.23. Markovsky, I., "Closed-loop data-driven simulation". In: *Int. J. Contr.* 83.10 (2010), pp. 2134–2139. doi: [10.1080/00207179.2010.508093](https://doi.org/10.1080/00207179.2010.508093).
- C.24. Markovsky, I., Sima, D., Van Huffel, S., "Total least squares methods". In: *Wiley Interdisciplinary Reviews: Comput. Stat.* 2.2 (2010), pp. 212–217. doi: [10.1002/wics.65](https://doi.org/10.1002/wics.65). (Citations: 22 in GS).
- C.25. Markovsky, I., Mahmoodi, S., "Least-squares contour alignment". In: *IEEE Signal Proc. Letters* 16.1 (2009), pp. 41–44. doi: [10.1109/LSP.2008.2008588](https://doi.org/10.1109/LSP.2008.2008588). (Citations: 7 in WoS, 21 in GS).
- C.26. Markovsky, I., "Structured low-rank approximation and its applications". In: *Automatica* 44.4 (2008), pp. 891–909. doi: [10.1016/j.automatica.2007.09.011](https://doi.org/10.1016/j.automatica.2007.09.011). (Citations: 49 in WoS, 127 in GS).
- C.27. Markovsky, I., Niranjan, M., "Approximate low-rank factorization with structured factors". In: *Comput. Statist. Data Anal.* 54 (2008), pp. 3411–3420. doi: [10.1016/j.csda.2009.06.003](https://doi.org/10.1016/j.csda.2009.06.003).
- C.28. Markovsky, I., Rapisarda, P., "Data-driven simulation and control". In: *Int. J. Contr.* 81.12 (2008), pp. 1946–1959. doi: [10.1080/00207170801942170](https://doi.org/10.1080/00207170801942170). (Citations: 19 in WoS, 48 in GS).

- C.29. Kukush, A., Markovsky, I., Van Huffel, S., "Estimation in a linear multivariate measurement error model with a change point in the data". In: *Comput. Statist. Data Anal.* 52.2 (2007), pp. 1167–1182. doi: [10.1016/j.csda.2007.06.010](https://doi.org/10.1016/j.csda.2007.06.010).
- C.30. Markovsky, I., Van Huffel, S., "Left vs right representations for solving weighted low rank approximation problems". In: *Linear Algebra Appl.* 422 (2007), pp. 540–552. doi: [10.1016/j.laa.2006.11.012](https://doi.org/10.1016/j.laa.2006.11.012). (Citations: 7 in WoS, 15 in GS).
- C.31. Markovsky, I., Van Huffel, S., "Overview of total least squares methods". In: *Signal Processing* 87 (2007), pp. 2283–2302. doi: [10.1016/j.sigpro.2007.04.004](https://doi.org/10.1016/j.sigpro.2007.04.004). (Citations: 256 in WoS, 514 in GS).
- C.32. Schuermans, M., Markovsky, I., Van Huffel, S., "An adapted version of the element-wise weighted TLS method for applications in chemometrics". In: *Chemometrics and Intelligent Laboratory Systems* 85.1 (2007), pp. 40–46. doi: [10.1016/j.chemolab.2006.04.003](https://doi.org/10.1016/j.chemolab.2006.04.003).
- C.33. Shklyar, S., "On the conic section fitting problem". In: *Journal of Multivariate Analysis* 98 (2007), pp. 588–624. doi: [10.1016/j.jmva.2005.12.003](https://doi.org/10.1016/j.jmva.2005.12.003).
- C.34. Van Huffel, S., "Guest editorial: Total least squares and errors-in-variables modeling". In: *Signal Proc.* 87.10 (Oct. 2007), pp. 2281–2282.
- C.35. Kukush, A., Markovsky, I., Van Huffel, S., "Consistency of the structured total least squares estimator in a multivariate errors-in-variables model". In: *J. Statist. Plann. Inference* 133.2 (2005), pp. 315–358. doi: [10.1016/j.jspi.2003.12.020](https://doi.org/10.1016/j.jspi.2003.12.020). (Citations: 17 in WoS, 62 in GS).
- C.36. Markovsky, I., De Moor, B., "Linear dynamic filtering with noisy input and output". In: *Automatica* 41.1 (2005), pp. 167–171. doi: [10.1016/j.automatica.2004.08.014](https://doi.org/10.1016/j.automatica.2004.08.014). (Citations: 14 in WoS, 34 in GS).
- C.37. Markovsky, I., Van Huffel, S., "High-performance numerical algorithms and software for structured total least squares". In: *J. Comput. Appl. Math.* 180.2 (2005), pp. 311–331. doi: [10.1016/j.cam.2004.11.003](https://doi.org/10.1016/j.cam.2004.11.003). (Citations: 14 in WoS, 28 in GS).
- C.38. Markovsky, I., Van Huffel, S., Pintelon, R., "Block-Toeplitz/Hankel structured total least squares". In: *SIAM J. Matrix Anal. Appl.* 26.4 (2005), pp. 1083–1099. doi: [10.1137/S0895479803434902](https://doi.org/10.1137/S0895479803434902). (Citations: 20 in WoS, 57 in GS).
- C.39. Markovsky, I., "Algorithms for deterministic balanced subspace identification". In: *Automatica* 41.5 (2005), pp. 755–766. doi: [10.1016/j.automatica.2004.10.007](https://doi.org/10.1016/j.automatica.2004.10.007). (Citations: 22 in WoS, 56 in GS).
- C.40. Markovsky, I., "Application of structured total least squares for system identification and model reduction". In: *IEEE Trans. Automat. Contr.* 50.10 (2005), pp. 1490–1500. doi: [10.1109/TAC.2005.856643](https://doi.org/10.1109/TAC.2005.856643). (Citations: 43 in 96 in WoS).
- C.41. Markovsky, I., "The element-wise weighted total least squares problem". In: *Comput. Statist. Data Anal.* 50.1 (2005), pp. 181–209. doi: [10.1016/j.csda.2004.07.014](https://doi.org/10.1016/j.csda.2004.07.014). (Citations: 40 in WoS, 99 in GS).
- C.42. Schuermans, M., "On the equivalence between total least squares and maximum likelihood PCA". In: *Analytica Chimica Acta* 544.1–2 (2005), pp. 254–267. doi: [10.1016/j.aca.2004.12.059](https://doi.org/10.1016/j.aca.2004.12.059). (Citations: 35 in WoS, 57 in GS).
- C.43. Willems, J. C., "A note on persistency of excitation". In: *Systems & Control Lett.* 54.4 (2005), pp. 325–329. doi: [10.1016/j.sysconle.2004.09.003](https://doi.org/10.1016/j.sysconle.2004.09.003). (Citations: 31 in WoS, 88 in GS).

- C.44. Kukush, A., Markovsky, I., Van Huffel, S., “Consistent estimation in an implicit quadratic measurement error model”. In: *Comput. Statist. Data Anal.* 47.1 (2004), pp. 123–147. doi: [10.1016/j.csda.2003.10.022](https://doi.org/10.1016/j.csda.2003.10.022). (Citations: 20 in WoS, 39 in GS).
- C.45. Markovsky, I., Kukush, A., Van Huffel, S., “Consistent least squares fitting of ellipsoids”. In: *Numerische Mathematik* 98.1 (2004), pp. 177–194. doi: [10.1007/s00211-004-0526-9](https://doi.org/10.1007/s00211-004-0526-9). (Citations: 26 in WoS, 59 in GS).
- C.46. Markovsky, I., Van Huffel, S., Kukush, A., “On the computation of the structured total least squares estimator”. In: *Numer. Linear. Algebra Appl.* 11 (2004), pp. 591–608. doi: [10.1002/nla.361](https://doi.org/10.1002/nla.361). (Citations: 13 in WoS, 35 in GS).
- C.47. Kukush, A., Markovsky, I., Van Huffel, S., “Consistent estimation in the bilinear multivariate errors-in-variables model”. In: *Metrika* 57.3 (2003), pp. 253–285. doi: [10.1007/s001840200217](https://doi.org/10.1007/s001840200217).
- C.48. Kukush, A., Markovsky, I., Van Huffel, S., “Consistent fundamental matrix estimation in a quadratic measurement error model arising in motion analysis”. In: *Comput. Statist. Data Anal.* 41.1 (2002), pp. 3–18. doi: [10.1016/S0167-9473\(02\)00068-3](https://doi.org/10.1016/S0167-9473(02)00068-3).
- C.49. Lemmon, M., He, K., Markovsky, I., “Supervisory Hybrid Systems”. In: *IEEE Control Systems Magazine* 19.4 (Aug. 1999), pp. 42–55. doi: [10.1109/37.777788](https://doi.org/10.1109/37.777788). (Citations: 47 in WoS, 144 in GS).

11. Articles in conference proceedings (internationally peer reviewed)

- I1.1. Markovsky, I., Debals, O., Lathauwer, L. D., “Sum-of-Exponentials Modeling and Common Dynamics Estimation Using Tensorlab”. In: *20th World Congress of the International Federation of Automatic Control*. Toulouse, France, July 2017.
- I1.2. Markovsky, I., Guglielmi, N., “Model order estimation based on a method for computing distance to uncontrollability”. In: *Proc. of the Conference on Noise and Vibration Engineering (ISMA)*. Leuven, Belgium, Sept. 2016, pp. 2963–2970. isbn: 9789073802940.
- I1.3. Mercère, G., Markovsky, I., Ramos, J., “Innovation-based subspace identification in open- and closed-loop”. In: *Proc. of the 55th IEEE Conference on Decision and Control*. Las Vegas, USA, Dec. 2016. doi: [10.1109/CDC.2016.7798709](https://doi.org/10.1109/CDC.2016.7798709).
- I1.4. Ishteva, M., Markovsky, I., “Tensor low multilinear rank approximation by structured matrix low-rank approximation”. In: *Proc. of the 21st International Symposium on Mathematical Theory of Networks and Systems*. Groningen, The Netherlands, July 2014, pp. 1808–1812. isbn: 978-90-367-6321-9.
- I1.5. Markovsky, I., Pintelon, R., “Consistent estimation of autonomous linear time-invariant systems from multiple experiments”. In: *Proc. of the Conference on Noise and Vibration Engineering (ISMA)*. Leuven, Belgium, Sept. 2014, pp. 3265–3268. isbn: 9789073802919.
- I1.6. Markovsky, I., “Approximate identification with missing data”. In: *Proc. of the 52nd IEEE Conference on Decision and Control*. Florence, Italy, Dec. 2013, pp. 156–161. doi: [10.1109/CDC.2013.6759875](https://doi.org/10.1109/CDC.2013.6759875).
- I1.7. Markovsky, I., “Exact identification with missing data”. In: *Proc. of the 52nd IEEE Conference on Decision and Control*. Florence, Italy, 2013, pp. 151–155. doi: [10.1109/CDC.2013.6759874](https://doi.org/10.1109/CDC.2013.6759874).
- I1.8. Markovsky, I., “Dynamical systems and control mindstorms”. In: *Proc. of the 20th Mediterranean Conference on Control and Automation*. Barcelona, Spain, 2012, pp. 54–59. doi: [dx.doi.org/10.1109/MED.2012.6265614](https://doi.org/10.1109/MED.2012.6265614).

- I1.9. Markovsky, I., "How effective is the nuclear norm heuristic in solving data approximation problems?" In: *Proc. of the 16th IFAC Symposium on System Identification*. Brussels, 2012, pp. 316-321. isbn: 978-3-902823-06-9. doi: [10.3182/20120711-3-BE-2027.00125](https://doi.org/10.3182/20120711-3-BE-2027.00125).
- I1.10. Usevich, K., Markovsky, I., "Structured low-rank approximation as a rational function minimization". In: *Proc. of the 16th IFAC Symposium on System Identification*. Brussels, 2012, pp. 722-727. doi: [10.3182/20120711-3-BE-2027.00143](https://doi.org/10.3182/20120711-3-BE-2027.00143).
- I1.11. Le, F., "Online identification of electrically stimulated muscle models". In: *Proc. of the American Control Conference (ACC)*. San Francisco, USA, June 2011, pp. 90-95. isbn: 978-1-4577-0080-4. doi: [10.1109/ACC.2011.5991136](https://doi.org/10.1109/ACC.2011.5991136).
- I1.12. Le, F., "Recursive Identification of Hammerstein Structure". In: *Proc. of the 18th IFAC World Congress*. Milano, Italy, Aug. 2011.
- I1.13. Le, F., "Identification of Electrically Stimulated Muscle after Stroke". In: *European Control Conference*. Budapest, Hungary, Aug. 2009, pp. 1576-1581.
- I1.14. Markovsky, I., "An algorithm for closed-loop data-driven simulation". In: *15th IFAC Symposium on System Identification*. Saint-Malo, France, July 2009, pp. 114-115.
- I1.15. Markovsky, I., "Applications of structured low-rank approximation". In: *15th IFAC Symposium on System Identification*. Saint-Malo, France, July 2009, pp. 1121-1126.
- I1.16. Przedwojski, M., Markovsky, I., E. Rogers, "Identifiability of clock synchronization errors: a behavioural approach". In: *48th IEEE Conf. on Decision and Control*. Shanghai, China, 2009, pp. 8095-8100.
- I1.17. Markovsky, I., Amann, A., Van Huffel, S., "Application of Filtering Methods for Removal of Resuscitation Artifacts from Human ECG Signals". In: *Proc. of the 30th Conf. of IEEE Eng. in Medicine and Biology Soc. (EMBS)*. Vancouver, Canada, Aug. 2008, pp. 13-16. doi: [10.1109/IEMBS.2008.4649079](https://doi.org/10.1109/IEMBS.2008.4649079).
- I1.18. Markovsky, I., Rao, S., "Palindromic polynomials, time-reversible systems, and conserved quantities". In: *16th Mediterranean Conf. on Control and Automation*. Ajaccio, France, June 2008, pp. 125-130. doi: [10.1109/MED.2008.4602018](https://doi.org/10.1109/MED.2008.4602018).
- I1.19. Rapisarda, P., Markovsky, I., "Why "state" feedback?" In: *Proc. of the 17th IFAC World Congress*. Seoul, Korea, July 2008, pp. 12285-12290. doi: [10.3182/20080706-5-KR-1001.3661](https://doi.org/10.3182/20080706-5-KR-1001.3661).
- I1.20. Markovsky, I., Rapisarda, P., "On the linear quadratic data-driven control". In: *Proc. of the European Control Conf.* Kos, Greece, July 2007, pp. 5313-5318.
- I1.21. Markovsky, I., Kukush, A., Van Huffel, S., "On errors-in-variables estimation with unknown noise variance ratio". In: *Proc. of the 14th IFAC Symp. on System Identification*. Newcastle, Australia, 2006, pp. 172-177.
- I1.22. Markovsky, I., Van Huffel, S., "An algorithm for approximate common divisor computation". In: *Proc. of the 17th Symp. on Math. Theory of Networks and Systems*. Kyoto, Japan, 2006, pp. 274-279.
- I1.23. Markovsky, I., Willems, J. C., De Moor, B., "Comparison of identification algorithms on the database for system identification DAISY". In: *Proc. of the 17th Symp. on Math. Theory of Networks and Systems*. Kyoto, Japan, 2006, pp. 2858-2869.
- I1.24. Markovsky, I., Willems, J. C., De Moor, B., "Recursive computation of the most powerful unfalsified model". In: *In Proc. of the of the 14th IFAC Symp. on System Identification*. Newcastle, Australia, 2006, pp. 588-593. doi: [10.3182/20060329-3-AU-2901.00090](https://doi.org/10.3182/20060329-3-AU-2901.00090).

- I1.25. Markovsky, I., Willems, J. C., De Moor, B., "Software for exact linear system identification". In: *Proc. of the 17th Symp. on Math. Theory of Networks and Systems*. Kyoto, Japan, 2006, pp. 1475–1483.
- I1.26. Markovsky, I., Willems, J. C., De Moor, B., "The module structure of ARMAX systems". In: *Proc. of the 41st Conf. on Decision and Control*. San Diego, USA, 2006, pp. 811–816. doi: [10.1109/CDC.2006.377656](https://doi.org/10.1109/CDC.2006.377656).
- I1.27. Markovsky, I., "When is a pole spurious?" In: *Proc. of the International Conf. on Noise and Vibration Engineering*. Leuven, Belgium, 2006, pp. 1615–1626.
- I1.28. Willems, J. C., Markovsky, I., De Moor, B., "State construction in subspace identification". In: *Proc. of the 14th IFAC Symposium on System Identification*. Newcastle, Australia, 2006, pp. 303–308.
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