Anexa nr. 3

ACADEMIA ROMÂNĂ
SCOSAAR

AVIZAT
PREȘEDINTE SCOSAAR
Acad. Bogdan C. SIMIONESCU

ÎNDEPLINIREA STANDARDELOR MINIMALE [X] DA | [] | NU

FIŞA DE ÎNDEPLINIRE A STANDARDELOR MINIMALE conform CNATDCU

Candidat: **Necoară Ion**

FIŞA DE VERIFICARE
a îndeplinirii standardelor minimale

Data: 10.05.2021

Semnătura:
Ion Necoara

Fișă verificare îndeplinire standarde minimale
Comisia de Matematică

Articole în reviste ISI cu RIS>0.5
Citări Web of Science

Necoară Ion

Mai 2021

A1 Articole în reviste cotate ISI cu RIS>0.5

Autor şi co-autor a **35** articole în reviste cotate ISI cu RIS>0.5 si având WOS (S_recent este calculat pentru articolele din perioada 2013–2019):

id	an	nr. autori (n_i)	RIS (s_i)	s_i/n_i
[J1]	2019	3	6.145	2.048
[J2]	2008	3	4.856	1.619
[J3]	2008	4	5.225	1.306
[J4]	2007	4	1.458	0.364
[J5]	2007	4	4.856	1.214
[J6]	2019	1	3.199	3.199
[J7]	2019	3	4.348	1.449
[J8]	2019	2	1.880	0.940
[J9]	2018	2	4.856	2.428
[J10]	2018	2	7.189	3.595
[J11]	2017	3	1.447	0.482
[J12]	2017	3	1.020	0.340
[J13]	2016	2	4.348	2.174
[J14]	2015	3	1.057	0.352
[J15]	2015	1	2.276	2.276
[J16]	2015	2	4.856	2.428
[J17]	2015	2	5.225	2.612
[J18]	2015	2	1.382	0.691
[J19]	2014	3	2.379	0.793
[J20]	2014	3	1.382	0.461
[J21]	2014	2	4.856	2.428
[J22]	2014	2	1.810	0.905
[J23]	2013	1	4.856	4.856
[J24]	2013	2	2.242	1.121
[J25]	2013	4	4.348	1.087
[J26]	2011	3	2.242	0.747
[J27]	2010	4	3.938	0.985
[J28]	2009	4	2.880	0.720
[J29]	2008	2	4.856	2.428
[J30]	2008	4	1.299	0.325
[J31]	2019	3	2.048	0.683
[J32]	2017	5	1.447	0.289
[J33]	2016	2	2.048	1.024
[J34]	2016	3	1.084	0.361

...continuare

id	an	nr. autori	RIS	
[J35]	2009	2	1.447	0.724

TOTAL: S=49, S_recent=39

Necoară Ion

Lista celor 35 articole ISI cu RIS>0.5 și WOS:

[J1] Necoara, I., Y. Nesterov și F. Glineur. "Linear convergence of first order methods for non-strongly convex optimization". În: *MATHEMATICAL PROGRAMMING* (1-2 2019), pp. 69–107 (39 pagini). ISSN: 0025-5610.
Publicat de: *SPRINGER HEIDELBERG (TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY)*
DOI: 10.1007/s10107-018-1232-1. WOS: 000465626900003.
IF: **3.785** [JCR 2019, anul curent]. **RIS**: 6.145. Q1 (COMPUTER SCIENCE, SOFTWARE ENGINEERING - 10/107); Q1 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 14/84); Q1 (MATHEMATICS, APPLIED - 7/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **11**.

[J2] Baes, M., M. Diehl și I. Necoara. "Every continuous nonlinear control system can be obtained by parametric convex programming". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (8 2008), pp. 1963–1967 (5 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2008.928131. WOS: 000259641500019.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **21**.

[J3] Necoara, I., T. J. J. van den Boom, B. De Schutter și H. Hellendoorn. "Stabilization of max-plus-linear systems using model predictive control: The unconstrained case". În: *AUTOMATICA* (4 2008), pp. 971–981 (11 pagini). ISSN: 0005-1098.
Publicat de: *PERGAMON-ELSEVIER SCIENCE LTD (THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND)*
DOI: 10.1016/j.automatica.2007.09.010. WOS: 000255218700007.
IF: **6.355** [JCR 2019, anul curent]. **RIS**: 5.225. Q1 (AUTOMATION & CONTROL SYSTEMS - 5/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 21/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **11**.

[J4] Necoara, I., B. De Schutter, T. J. J. van den Boom și H. Hellendoorn. "Stable model predictive control for constrained max-plus-linear systems". În: *DISCRETE EVENT DYNAMIC SYSTEMS-THEORY AND APPLICATIONS* (3 2007), pp. 329–354 (26 pagini). ISSN: 0924-6703.
Publicat de: *SPRINGER (ONE NEW YORK PLAZA, SUITE 4600, NEW YORK, NY, UNITED STATES)*
DOI: 10.1007/s10626-007-0015-2. WOS: 000249118300004.
IF: **1.128** [JCR 2019, anul curent]. **RIS**: 1.458. Q1 (AUTOMATION & CONTROL SYSTEMS - 51/62); Q2 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 61/84); Q2 (MATHEMATICS, APPLIED - 124/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **7**.

[J5] Necoara, I., E. C. Kerrigan, B. De Schutter și T. J. J. van den Boom. "Finite-horizon min-max control of max-plus-linear systems". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (6 2007), pp. 1088–1093 (6 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2007.899071. WOS: 000247353300014.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **9**.

[J6] Necoara, I. "FASTER RANDOMIZED BLOCK KACZMARZ ALGORITHMS". în: *SIAM JOURNAL ON MATRIX ANALYSIS AND APPLICATIONS* (4 2019), pp. 1425–1452 (28 pagini). ISSN: 0895-4798.
Publicat de: *SIAM PUBLICATIONS (3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA)*
DOI: 10.1137/19M1251643. WOS: 000546977600009.
IF: **1.912** [JCR 2019, anul curent]. **RIS**: 3.199. Q1 (MATHEMATICS, APPLIED - 44/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **1**.

[J7] Necoara, I., P. Richtarik și A. Patrascu. "RANDOMIZED PROJECTION METHODS FOR CONVEX FEASIBILITY: CONDITIONING AND CONVERGENCE RATES". în: *SIAM JOURNAL ON OPTIMIZATION* (4 2019), pp. 2814–2852 (39 pagini). ISSN: 1052-6234.
Publicat de: *SIAM PUBLICATIONS (3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA)*
DOI: 10.1137/18M1167061. WOS: 000546996000017.
IF: **2.876** [JCR 2019, anul curent]. **RIS**: 4.348. Q1 (MATHEMATICS, APPLIED - 17/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **0**.

[J8] Nedic, A. și I. Necoara. "Random Minibatch Subgradient Algorithms for Convex Problems with Functional Constraints". În: *APPLIED MATHEMATICS AND OPTIMIZATION* (3 2019), pp. 801–833 (33 pagini). ISSN: 0095-4616.
Publicat de: *SPRINGER (233 SPRING ST, NEW YORK, NY 10013 USA)*
DOI: 10.1007/s00245-019-09609-7. WOS: 000493654500009.
IF: **1.895** [JCR 2019, anul curent]. **RIS**: 1.880. Q1 (MATHEMATICS, APPLIED - 46/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **0**.

[J9] Patrascu, A. și I. Necoara. "On the Convergence of Inexact Projection Primal First-Order Methods for Convex Minimization". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (10 2018), pp. 3317–3329 (13 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2018.2805727. WOS: 000446331200010.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **2**.

[J10] Patrascu, A. și I. Necoara. "Nonasymptotic convergence of stochastic proximal point methods for constrained convex optimization". În: *JOURNAL OF MACHINE LEARNING RESEARCH* (2018). ISSN: 1532-4435.
Publicat de: *MICROTOME PUBL (31 GIBBS ST, BROOKLINE, MA 02446 USA)*
WOS: 000435455100001.
IF: **4.091** [JCR 2019, anul curent]. **RIS**: 7.189. Q2 (AUTOMATION & CONTROL SYSTEMS - 16/62); Q1 (COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE - 27/134) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **2**.

[J11] Necoara, I., Y. Nesterov și F. Glineur. "Random Block Coordinate Descent Methods for Linearly Constrained Optimization over Networks". În: *JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS* (1 2017), pp. 227–254 (28 pagini). ISSN: 0022-3239.
Publicat de: *SPRINGER/PLENUM PUBLISHERS (233 SPRING ST, NEW YORK, NY 10013 USA)*
DOI: 10.1007/s10957-016-1058-z. WOS: 000398739800011.
IF: **1.600** [JCR 2019, anul curent]. **RIS**: 1.447. Q1 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 44/84); Q2 (MATHEMATICS, APPLIED - 65/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **2**.

[J12] Patrascu, A., I. Necoara și Q. Tran-Dinh. "Adaptive inexact fast augmented Lagrangian methods for constrained convex optimization". În: *OPTIMIZATION LETTERS* (3 2017), pp. 609–626 (18 pagini). ISSN: 1862-4472.
Publicat de: *SPRINGER HEIDELBERG (TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY)*
DOI: 10.1007/s11590-016-1024-6. WOS: 000395206800012.
IF: **1.399** [JCR 2019, anul curent]. **RIS**: 1.020. Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 52/84); Q2 (MATHEMATICS, APPLIED - 88/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **1**.

[J13] Necoara, I. și D. Clipici. "PARALLEL RANDOM COORDINATE DESCENT METHOD FOR COMPOSITE MINIMIZATION: CONVERGENCE ANALYSIS AND ERROR BOUNDS". în: *SIAM JOURNAL ON OPTIMIZATION* (1 2016), pp. 197–226 (30 pagini). ISSN: 1052-6234.
Publicat de: *SIAM PUBLICATIONS (3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA)*
DOI: 10.1137/130950288. WOS: 000373631500008.
IF: **2.876** [JCR 2019, anul curent]. **RIS**: 4.348. Q1 (MATHEMATICS, APPLIED - 17/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **14**.

[J14] Necoara, I., L. Ferranti și T. Keviczky. "An adaptive constraint tightening approach to linear model predictive control based on approximation algorithms for optimization". În: *OPTIMAL CONTROL APPLICATIONS & METHODS* (5 2015), pp. 648–666 (19 pagini). ISSN: 0143-2087.
Publicat de: *WILEY-BLACKWELL (111 RIVER ST, HOBOKEN 07030-5774, NJ USA)*
DOI: 10.1002/oca.2121. WOS: 000364580100005.
IF: **1.452** [JCR 2019, anul curent]. **RIS**: 1.057. Q3 (AUTOMATION & CONTROL SYSTEMS - 43/62); Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 49/84); Q2 (MATHEMATICS, APPLIED - 81/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **7**.

[J15] Necoara, I. "Computational complexity certification for dual gradient method: Application to embedded MPC". în: *SYSTEMS & CONTROL LETTERS* (2015), pp. 49–56 (8 pagini). ISSN: 0167-6911.
Publicat de: *ELSEVIER SCIENCE BV (PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS)*
DOI: 10.1016/j.sysconle.2015.04.011. WOS: 000357241500008.

IF: **2.624** [JCR 2019, anul curent]. **RIS**: 2.276. Q2 (AUTOMATION & CONTROL SYSTEMS - 28/62); Q2 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 25/84) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **7**.

[J16] Patrascu, A. și I. Necoara. "Random Coordinate Descent Methods for l(0) Regularized Convex Optimization". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (7 2015), pp. 1811–1824 (14 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2015.2390551. WOS: 000356871400007.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **5**.

[J17] Necoara, I. și V. Nedelcu. "On linear convergence of a distributed dual gradient algorithm for linearly constrained separable convex problems". În: *AUTOMATICA* (2015), pp. 209–216 (8 pagini). ISSN: 0005-1098.
Publicat de: *PERGAMON-ELSEVIER SCIENCE LTD (THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND)*
DOI: 10.1016/j.automatica.2015.02.038. WOS: 000354340200026.
IF: **6.355** [JCR 2019, anul curent]. **RIS**: 5.225. Q1 (AUTOMATION & CONTROL SYSTEMS - 5/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 21/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **7**.

[J18] Patrascu, A. și I. Necoara. "Efficient random coordinate descent algorithms for large-scale structured nonconvex optimization". În: *JOURNAL OF GLOBAL OPTIMIZATION* (1 2015), pp. 19–46 (28 pagini). ISSN: 0925-5001.
Publicat de: *SPRINGER (VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS)*
DOI: 10.1007/s10898-014-0151-9. WOS: 000346913500002.
IF: **1.631** [JCR 2019, anul curent]. **RIS**: 1.382. Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 43/84); Q1 (MATHEMATICS, APPLIED - 62/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **16**.

[J19] Nedelcu, V., I. Necoara și Q. Tran-Dinh. "COMPUTATIONAL COMPLEXITY OF INEXACT GRADIENT AUGMENTED LAGRANGIAN METHODS: APPLICATION TO CONSTRAINED MPC". în: *SIAM JOURNAL ON CONTROL AND OPTIMIZATION* (5 2014), pp. 3109–3134 (26 pagini). ISSN: 0363-0129.
Publicat de: *SIAM PUBLICATIONS (3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA)*
DOI: 10.1137/120897547. WOS: 000344748000018.
IF: **1.986** [JCR 2019, anul curent]. **RIS**: 2.379. Q3 (AUTOMATION & CONTROL SYSTEMS - 35/62); Q1 (MATHEMATICS, APPLIED - 40/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **14**.

[J20] Dinh, Q. T., I. Necoara și M. Diehl. "Path-following gradient-based decomposition algorithms for separable convex optimization". În: *JOURNAL OF GLOBAL OPTIMIZATION* (1 2014), pp. 59–80 (22 pagini). ISSN: 0925-5001.
Publicat de: *SPRINGER (VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS)*
DOI: 10.1007/s10898-013-0085-7. WOS: 000337163800004.
IF: **1.631** [JCR 2019, anul curent]. **RIS**: 1.382. Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 43/84); Q1 (MATHEMATICS, APPLIED - 62/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **3**.

[J21] Necoara, I. și V. Nedelcu. "Rate Analysis of Inexact Dual First-Order Methods Application to Dual Decomposition". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (5 2014), pp. 1232–1243 (12 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2013.2294614. WOS: 000335218900009.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **20**.

[J22] Necoara, I. și A. Patrascu. "A random coordinate descent algorithm for optimization problems with composite objective function and linear coupled constraints". În: *COMPUTATIONAL OPTIMIZATION AND APPLICATIONS* (2 2014), pp. 307–337 (31 pagini). ISSN: 0926-6003.
Publicat de: *SPRINGER (233 SPRING ST, NEW YORK, NY 10013 USA)*
DOI: 10.1007/s10589-013-9598-8. WOS: 000331650100002.
IF: **1.906** [JCR 2019, anul curent]. **RIS**: 1.810. Q2 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 36/84); Q1 (MATHEMATICS, APPLIED - 45/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **23**.

[J23] Necoara, I. "Random Coordinate Descent Algorithms for Multi-Agent Convex Optimization Over Networks". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (8 2013), pp. 2001–2012 (12 pagini). ISSN: 0018-9286.

Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TAC.2013.2250071. WOS: 000322364300009.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **20**.

[J24] Necoara, I. și D. Clipici. "Efficient parallel coordinate descent algorithm for convex optimization problems with separable constraints: Application to distributed MPC". în: *JOURNAL OF PROCESS CONTROL* (3 2013), pp. 243–253 (11 pagini). ISSN: 0959-1524.
Publicat de: *ELSEVIER SCI LTD (THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND)*
DOI: 10.1016/j.jprocont.2012.12.012. WOS: 000316585100001.
IF: **3.316** [JCR 2019, anul curent]. **RIS**: 2.242. Q2 (AUTOMATION & CONTROL SYSTEMS - 21/62); Q2 (ENGINEERING, CHEMICAL - 38/138) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **28**.

[J25] Dinh, Q. T., I. Necoara, C. Savorgnan și M. Diehl. "AN INEXACT PERTURBED PATH-FOLLOWING METHOD FOR LAGRANGIAN DECOMPOSITION IN LARGE-SCALE SEPARABLE CONVEX OPTIMIZATION". în: *SIAM JOURNAL ON OPTIMIZATION* (1 2013), pp. 95–125 (31 pagini). ISSN: 1052-6234.
Publicat de: *SIAM PUBLICATIONS (3600 UNIV CITY SCIENCE CENTER, PHILADELPHIA, PA 19104-2688 USA)*
DOI: 10.1137/110853111X. WOS: 000316857500005.
IF: **2.876** [JCR 2019, anul curent]. **RIS**: 4.348. Q1 (MATHEMATICS, APPLIED - 17/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **16**.

[J26] Necoara, I., V. Nedelcu și I. Dumitrache. "Parallel and distributed optimization methods for estimation and control in networks". În: *JOURNAL OF PROCESS CONTROL* (5 2011), pp. 756–766 (11 pagini). ISSN: 0959-1524.
Publicat de: *ELSEVIER SCI LTD (THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND)*
DOI: 10.1016/j.jprocont.2010.12.010. WOS: 000291770800009.
IF: **3.316** [JCR 2019, anul curent]. **RIS**: 2.242. Q2 (AUTOMATION & CONTROL SYSTEMS - 21/62); Q2 (ENGINEERING, CHEMICAL - 38/138) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **36**.

[J27] Tsiaflakis, P., I. Necoara, J. A. K. Suykens și M. Moonen. "Improved Dual Decomposition Based Optimization for DSL Dynamic Spectrum Management". În: *IEEE TRANSACTIONS ON SIGNAL PROCESSING* (4 2010), pp. 2230–2245 (16 pagini). ISSN: 1053-587X..
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA)*
DOI: 10.1109/TSP.2009.2039825. WOS: 000275370800025.
IF: **5.230** [JCR 2019, anul curent]. **RIS**: 3.938. Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 32/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **24**.

[J28] Necoara, I., B. De Schutter, T. J. J. van den Boom și H. Hellendoorn. "Robust control of constrained max-plus-linear systems". În: *INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL* (2 2009), pp. 218–242 (25 pagini). ISSN: 1049-8923.
Publicat de: *WILEY (111 RIVER ST, HOBOKEN 07030-5774, NJ USA)*
DOI: 10.1002/rnc.1309. WOS: 000262073600006.
IF: **3.953** [JCR 2019, anul curent]. **RIS**: 2.880. Q2 (AUTOMATION & CONTROL SYSTEMS - 17/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 56/266); Q1 (MATHEMATICS, APPLIED - 6/254) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **11**.

[J29] Necoara, I. și J. A. K. Suykens. "Application of a Smoothing Technique to Decomposition in Convex Optimization". În: *IEEE TRANSACTIONS ON AUTOMATIC CONTROL* (11 2008), pp. 2674–2679 (6 pagini). ISSN: 0018-9286.
Publicat de: *IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC (445 HOES LANE, PISCATAWAY, NJ 08855 USA)*
DOI: 10.1109/TAC.2008.2007159. WOS: 000261801600021.
IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
Citări: Scopus: **0** Web of Science: **63**.

[J30] Necoara, I., B. De Schutter, T. Van Den Boom și H. Hellendoorn. "Model predictive control for uncertain max-min-plus-scaling systems". În: *INTERNATIONAL JOURNAL OF CONTROL* (5 2008), pp. 701–713 (13 pagini). ISSN: 0020-7179.
Publicat de: *TAYLOR & FRANCIS LTD (4 PARK SQUARE, MILTON PARK, ABINGDON OX14 4RN,*

OXON, ENGLAND)
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   IF: **4.495** [JCR 2019, anul curent]. **RIS**: 2.194. Q1 (CONSTRUCTION & BUILDING TECHNOLOGY - 7/63); Q2 (ENERGY & FUELS - 28/103); Q1 (ENGINEERING, CIVIL - 5/132) [JCR 2019, anul curent].
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   DOI: 10.1142/S0219530518500082. WOS: 000443353800006.
   IF: **1.231** [JCR 2019, anul curent]. **RIS**: 1.729. Q2 (MATHEMATICS, APPLIED - 108/254); Q1 (MATHEMATICS - 62/314) [JCR 2019, anul curent].
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DOI: 10.1137/15M1024573. WOS: 000396679400023.

IF: **1.986** [JCR 2019, anul curent]. **RIS**: 2.379. Q3 (AUTOMATION & CONTROL SYSTEMS - 35/62); Q1 (MATHEMATICS, APPLIED - 40/254) [JCR 2019, anul curent].

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DOI: 10.1007/s10957-015-0757-1. WOS: 000368192700008.

IF: **1.600** [JCR 2019, anul curent]. **RIS**: 1.447. Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 44/84); Q2 (MATHEMATICS, APPLIED - 65/254) [JCR 2019, anul curent].

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DOI: 10.1109/TSG.2014.2363096. WOS: 000350338100024.

IF: **10.486** [JCR 2019, anul curent]. **RIS**: 5.526. Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 6/266) [JCR 2019, anul curent].

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DOI: 10.1017/S1446181114000273. WOS: 000347719700005.

IF: **0.333** [JCR 2019, anul curent]. **RIS**: 0.972. Q4 (MATHEMATICS, APPLIED - 249/254) [JCR 2019, anul curent].

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IF: **3.334** [JCR 2019, anul curent]. **RIS**: 2.049. Q2 (COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS - 28/106); Q2 (ENGINEERING, CHEMICAL - 36/138) [JCR 2019, anul curent].

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IF: **3.316** [JCR 2019, anul curent]. **RIS**: 2.242. Q2 (AUTOMATION & CONTROL SYSTEMS - 21/62); Q2 (ENGINEERING, CHEMICAL - 38/138) [JCR 2019, anul curent].

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IF: **2.930** [JCR 2019, anul curent]. **RIS**: 1.299. Q2 (AUTOMATION & CONTROL SYSTEMS - 25/62) [JCR 2019, anul curent].

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IF: **3.334** [JCR 2019, anul curent]. **RIS**: 2.049. Q2 (COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS - 28/106); Q2 (ENGINEERING, CHEMICAL - 36/138) [JCR 2019, anul curent].

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DOI: 10.1142/S0219530518500082. WOS: 000443353800006.
IF: **1.231** [JCR 2019, anul curent]. **RIS**: 1.729. Q2 (MATHEMATICS, APPLIED - 108/254); Q1 (MATHEMATICS - 62/314) [JCR 2019, anul curent].

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IF: **3.334** [JCR 2019, anul curent]. **RIS**: 2.049. Q2 (COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS - 28/106); Q2 (ENGINEERING, CHEMICAL - 36/138) [JCR 2019, anul curent].

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WOS: 000412483500001.
IF: **4.091** [JCR 2019, anul curent]. **RIS**: 7.189. Q2 (AUTOMATION & CONTROL SYSTEMS - 16/62); Q1 (COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE - 27/134) [JCR 2019, anul curent].

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DOI: 10.1007/s11081-016-9336-z. WOS: 000387857500013.

IF: **1.824** [JCR 2019, anul curent]. **RIS**: 2.061. Q2 (ENGINEERING, MULTIDISCIPLINARY - 38/88); Q2 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 39/84); Q2 (MATHEMATICS, INTERDISCIPLINARY APPLICATIONS - 43/105) [JCR 2019, anul curent].

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DOI: 10.1137/16M1085905. WOS: 000393337900005.

IF: **7.224** [JCR 2019, anul curent]. **RIS**: 9.084. Q1 (MATHEMATICS, APPLIED - 1/254) [JCR 2019, anul curent].

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DOI: 10.1080/10556788.2016.1190360. WOS: 000382576500001.

IF: **1.336** [JCR 2019, anul curent]. **RIS**: 2.048. Q3 (COMPUTER SCIENCE, SOFTWARE ENGINEERING - 60/107); Q3 (OPERATIONS RESEARCH & MANAGEMENT SCIENCE - 54/84); Q2 (MATHEMATICS, APPLIED - 92/254) [JCR 2019, anul curent].

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DOI: 10.1016/j.jprocont.2016.06.002. WOS: 000380973300014.

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WOS: 000444399400001.

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IF: **5.093** [JCR 2019, anul curent]. **RIS**: 4.856. Q1 (AUTOMATION & CONTROL SYSTEMS - 10/62); Q1 (ENGINEERING, ELECTRICAL & ELECTRONIC - 35/266) [JCR 2019, anul curent].
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TOTAL: C=252 > 12

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