

Technická univerzita v Košiciach
Prehľad citácií a ohlasov na vedecké práce
Autor: SZABÓ, Peter
Dátum generovania výstupu: 30. 1. 2020, 15:14:44

ADC Vedecké práce v zahraničných karentovaných časopisoch - ohlasy

ADC01 Butkovič, Peter (34%) - Cechlarová, Katarína (33%) - Szabó, Peter (33%): Strong linear independence in bottleneck algebra

Lit. 10 zázn.

In: Linear Algebra and its Applications. - Vol. 94 (1987), s. 133-155

Registrované v: wos, scopus

Ohlasy (13 + 7):

[o1] 1996 Klinz, B. - Woeginger, G.: A new efficiently solvable special case of the three-dimensional axial bottleneck assignment problem. In: Combinatorics and Computer Science : Lecture Notes in Computer Science, Vol. 1120, S. 150-162 -SCOPUS

[o1] 2000 Gavalec, M.: Solvability and stability of fuzzy relation equations. In: State of the Art in Computational Intelligence : Advances in Soft Computing. Heidelberg : Physica-Verlag, 2000, S. 376-379 -CPCI-S

[o1] 2001 Gavalec, M.: Solvability and unique solvability of max-min fuzzy equations. In: Fuzzy Sets and Systems, Vol. 124, No. 3, 2001, s. 385-393 - SCI ; SCOPUS

[o1] 2002 Gavalec, M.: Monotone eigenspace structure in max-min algebra. In: Linear Algebra and its Applications, Vol. 345, No. 1-3, 2002, s. 149-167 - SCI ; SCOPUS

[o1] 2003 Gavalec, M. - Plavka, J.: Strong regularity of matrices in general max-min algebra. In: Linear Algebra and Its Applications, Vol. 371, Suppl., 2003, s. 241-254 - SCI ; SCOPUS

[o1] 2003 Gavalec, M.: The general trapezoidal algorithm for strongly regular max-min matrices. In: Linear Algebra and its Applications, Vol. 369, Suppl., 2003, s. 319-338 - SCI ; SCOPUS

[o1] 2007 Gondran, M. - Minoux, M.: Dioids and semirings: Links to fuzzy sets and other applications. In: Fuzzy Sets and Systems, Vol. 158, No. 12, 2007, s. 1273-1294 - SCI ; SCOPUS

[o1] 2008 Gondran, M. - Minoux, M.: Graphs, Dioids and Semirings: New Models and Algorithms : Operations Research Computer Science Interfaces, Vol. 41. New York : Springer, 2008, 383 s. - BKCI-S ; SCOPUS

[o1] 2009 Li, P. - Fang, S. C.: A survey on fuzzy relational equations, part I: classification and solvability. In: Fuzzy Optimization and Decision Making, Vol. 8, No. 2, 2009, s. 179-229 - SCI ; SCOPUS

[o1] 2010 Zhou, J. - Li, Q.: The largest solution of linear equation over the complete Heyting algebra. In: Acta Mathematica Scientia, Vol. 30, No. 3, 2010, s. 810-818 - SCI ; SCOPUS

[o1] 2014 Nitica, V. - Sergeev, S.: Tropical convexity over max-min semiring. In: Tropical and Idempotent Mathematics and Applications : Contemporary Mathematics, Vol. 616. Providence : AMS, 2014, S. 241-260 -CPCI-S

[o1] 2015 Nitica, V. - Sergeev, S.: On the dimension of max-min convex sets. In: Fuzzy Sets and Systems, Vol. 271, 2015, s. 88-101 - SCI ; SCOPUS

[o1] 2018 Kepner, J. & Jananthan, H. (2018), Maps and Bases'MATHEMATICS OF BIG DATA: SPREADSHEETS, DATABASES, MATRICES, AND GRAPHS', pp. 303-322. - SCI ; SCOPUS

[o11] 1990 CECHLAROVA, K. (1990), 'STRONG REGULARITY OF MATRICES IN A DISCRETE BOTTLENECK ALGEBRA', *LINEAR ALGEBRA AND ITS APPLICATIONS* **128**, 35-50.

[o11] 1992 CECHLAROVA, K. (1992), 'EIGENVECTORS IN BOTTLENECK ALGEBRA', *LINEAR ALGEBRA AND ITS APPLICATIONS* **175**, 63-73.

[o11] 1994 BUTKOVIC, P. (1994), 'STRONG REGULARITY OF MATRICES - A SURVEY OF RESULTS', *DISCRETE APPLIED MATHEMATICS* **48**(1), 45-68.

[o11] 1995 CECHLAROVA, K. (1995), 'TRAPEZOIDAL MATRICES AND THE BOTTLENECK ASSIGNMENT PROBLEM', *DISCRETE APPLIED MATHEMATICS* **58**(2), 111-116.

[o11] 1995 CECHLAROVA, K. (1995), 'UNIQUE SOLVABILITY OF MAX-MIN FUZZY EQUATIONS AND STRONG REGULARITY OF MATRICES OVER FUZZY ALGEBRA', *FUZZY SETS AND SYSTEMS* **75**(2), 165-177.

[o11] 1996 Cechlarova, K. & Plavka, J. (1996), 'Linear independence in bottleneck algebras', *FUZZY SETS AND SYSTEMS* **77**(3), 337-348.

[o11] 1997 Cechlarova, K. & Kolesar, K. (1997), 'Strong regularity of matrices in a discrete bounded bottleneck algebra', *LINEAR ALGEBRA AND ITS APPLICATIONS* **256**, 141-152.

ADC02 Szabóová, Eva (30%) - Tomori, Zoltán (30%) - Donič, Viliam (20%) - Petrovičová, Jozefína (10%) - Szabó, Peter (10%): Sleep apnoea inducing hypoxemia is associated with early signs of carotid atherosclerosis in males

Lit. 26 zázň., 2 obr., 2 tab.

In: *Respiratory Physiology & Neurobiology*. - Vol. 155, No. 2 (2007), s. 121-127

Registované v: wos, scopus

Ohlasy (28 +1):

[o1] 2007 Dziewas, R. - Ritter, M. - Usta, N. - Boentert, M. - Hor, H. - Dittrich, R. - Schaebitz, W. R. - Bernd Ringelstein, E. - Young, P.: Atherosclerosis and obstructive sleep apnea in patients with ischemic stroke. In: *Cerebrovascular Diseases*, Vol. 24, No. 1, 2007, s. 122-126 - SCI ; SCOPUS

[o1] 2007 Sonka, K.: Sleep related breathing disorders in adults. In: *Praktický lékař*, Vol. 87, No. 6, 2007, s. 319-327 - SCOPUS

[o1] 2008 Aittokallio, J. - Polo, O. - Hiissa, J. - Virkki, A. - Toikka, J. - Raitakari, O. - Saaresranta, T. - Aittokallio, T.: Overnight variability in transcutaneous carbon dioxide predicts vascular impairment in women. In: *Experimental Physiology*, Vol. 93, No. 7, 2008, s. 880-891 - SCI ; SCOPUS

[o1] 2008 Casale, M. - Rinaldi, V. - Bressi, F. - Di Peco, V. - Baptista, P. - Sadun, B. - Urrestarazu, E. - Trivelli, M. - Salvinelli, F.: A suitable test for identifying high risk adult patients of moderate-severe obstructive sleep apnoeasynndrome. In: *European Review for Medical and Pharmacological Sciences*, Vol. 12, No. 4, 2008, s. 275-280 - SCI ; SCOPUS

[o1] 2008 Esteller, E. - Huerta, P. - Segarra, F. - Matino, E. - Enrique, A. - Adema, J.: Diagnosed cases of obstructive sleep apnoea syndrome: A new reason for involvement of otorhinolaryngologists. In: *Acta Otorrinolaringologica Espanola*, Vol. 59, No. 2, 2008, s. 62-69 - SCOPUS

[o1] 2008 Rouckova, T. - Sonka, K.: Obstructive sleep apnoea and stroke. In: *Studia Pneumologica et Phthiseologica*, Vol. 68, No. 6, 2008, s. 244-246 - SCOPUS

[o1] 2008 Sonka, K. - Slonkova, J.: Adult age sleep apnoea. In: *Ceska a slovenska neurologie a neurochirurgie*, Vol. 71, No. 6, 2008, s. 643-656 - SCI ; SCOPUS

[o1] 2008 van Den Berg, J. F. - Miedema, H. M. E. - Tulen, J. H. M. - Neven, A. K. - Hofman, A. - Witteman, J. C. M. - Tiemeier, H.: Cong sleep duration is associated with serum cholesterol in the elderly: the Rotterdam study. In: *Psychosomatic Medicine*, Vol. 70, No. 9, 2008, s. 1005-1011 - SCI ; SCOPUS

[o1] 2008 Sonka, K.: Obstructive sleep apnoea - The interdisciplinary approach. In: *Alergie*, Vol. 10, Suppl. 1, 2008, s. 59-64 - SCOPUS

[o1] 2009 Turmel, J. - Series, F. - Boulet, L. P. - Poirier, P. - Tardif, J. C. - Rodes-Cabeau, J. - Larose, E. - Bertrand, O. F.: Relationship between atherosclerosis and the sleep apnea syndrome: An intravascular ultrasound study. In: *International Journal of Cardiology*, Vol. 132, No. 2, 2009, s. 203-209 - SCI ; SCOPUS

[o1] 2009 Sonkova, Z. - Svatova, K. - Kemlink, D. - Kalina, M. - Sebesta, P. - Sonka, K.: Sleep apnea in carotid stenosis. In: *Neuroendocrinology Letters*, Vol. 30, No. 1, 2009, s. 61-66 - SCI ; SCOPUS

[o1] 2010 Redline, S. - Yenokyan, G. - Gottlieb, D. J. - Shahar, E. - O'Connor, G. T. - Resnick, H. E. - Diener-West, M. - Sanders, M. H. - Wolf, P. A. - Geraghty, E. M. - Ali, T. - Lebowitz, M. - Punjabi, N. M.: Obstructive sleepapnea-hypopnea and incident stroke: The sleep heart health study. In: *American Journal of Respiratory and Critical Care Medicine*, Vol. 182, No. 2, 2010, s. 269-277 - SCI ; SCOPUS

[o1] 2011 Abe, T. - Aoki, T. - Yata, S. - Okada, M.: Sleep duration is significantly associated with carotid artery atherosclerosis incidence in a Japanese population. In: *Atherosclerosis*, Vol. 217, No. 2, 2011, s. 509-513 - SCI ; SCOPUS

[o1] 2011 Drager, L. - Polotsky, V. - Lorenzi-Filho, G.: Obstructive sleep apnea: An emerging risk factor for atherosclerosis. In: *Chest*, Vol. 140, No. 2, 2011, s. 534-542 - SCI ; SCOPUS

- [o1] 2012 Hackenhaar, F. S. - Martinez, D. - Medeiros, T. M. - Klein, C. - Alabarse, P. V. G. - Wainstein, M. V. - Goncalves, S. C. - Benfato, M. S.: Oxidized-LDL and paraoxonase-1 as biomarkers of coronary artery disease in patients with sleep-disordered breathing. In: *Current Medicinal Chemistry*, Vol. 19, No. 25, 2012, s. 4359-4366 - SCI ; SCOPUS
- [o1] 2012 Józwick-Plebaniak, K. - Prejbisz, A. - Janaszek-Sitkowska, H. - Klisiewicz, A. - Sliwinski, P. - Pregowska-Chwala, B. - Hoffman, P. - Januszewicz, A.: Obstructive sleep apnea and cardio-vascular damage. In: *Kardiologia Polska*, Vol. 70, No. 7, 2012, s. 735-740 - SCI ; SCOPUS
- [o1] 2012 Selim, B. - Roux, F.: Stroke and sleep disorders. In: *Sleep Medicine Clinics*, Vol. 7, No. 4, 2012, s. 597-607 - SCOPUS
- [o1] 2012 Tan, T. Y. - Liou, C. W. - Friedman, M. - Lin, H. C. - Chang, H. W. - Lin, M. C.: Factors associated with increased carotid intima-media thickness in obstructive sleep apnea/hypopnea syndrome. In: *Neurologist*, Vol. 18, No. 5, 2012, s. 277-281 - SCI ; SCOPUS
- [o1] 2012 Tekin, D. - Chong, E. - Xi, L.: Intermittent hypoxia and atherosclerosis. In: *Intermittent Hypoxia and Human Diseases*, Vol. 9781447129066, 2012, s. 29-45 - SCOPUS
- [o1] 2013 Steiropoulos, P. - Bogiatzi, C. - Archontogeorgis, K. - Nena, E. - Xanthoudaki, M. - Boglou, P. - Tzouveleki, A. - Papanas, N. - Tsvigoulis, G. - Tsvigoulis, G. - Bouros, D.: Is there evidence of early vascular disease in patients with obstructive sleep apnea without known comorbidities? Preliminary findings. In: *Open Cardiovascular Medicine Journal*, Vol. 7, No. 1, 2013, s. 61-68 - SCOPUS
- [o1] 2014 Ali, S. S. - Oni, E. T. - Warraich, H. J. - Blaha, M. J. - Blumenthal, R. S. - Karim, A. - Shaharyar, S. - Jamal, O. - Fialkow, J. - Cury, R. - Budoff, M. J. - Agatston, A. S. - Nasir, K.: Systematic review on noninvasive assessment of subclinical cardiovascular disease in obstructive sleep apnea: new kid on the block!. In: *Sleep Medicine Reviews*, Vol. 18, No. 5, 2014, s. 379-391 - SCI ; SCOPUS
- [o1] 2015 Gunnarsson, S. I. - Peppard, P. E. - Korcarz, C. E. - Barnet, J. H. - Hagen, E. W. - Hla, K. M. - Palta, M. - Young, T. - Stein, J. H.: Minimal nocturnal oxygen saturation predicts future subclinical carotid atherosclerosis: the Wisconsin sleep cohort. In: *Journal of Sleep Research*, Vol. 24, No. 6, 2015, s. 680-686 - SCI ; SCOPUS
- [o1] 2015 Shah, N. - Allison, M. - Teng, Y. - Wassertheil-Smoller, S. - Sotres-Alvarez, D. - Ramos, A. R. - Zee, P. C. - Criqui, M. H. - Yaggi, H. K. - Gallo, L. C. - Redline, S. - Kaplan, R. C.: Sleep apnea is independently associated with peripheral arterial disease in the Hispanic community health study/study of Latinos. In: *Arteriosclerosis Thrombosis and Vascular Biology*, Vol. 35, No. 3, 2015, s. 710-715 - SCI ; SCOPUS
- [o1] 2017 Kong, D.; Qin, Z.; Wang, W. & Kang, J. (2017), 'Effect of obstructive sleep apnea on carotid artery intima media thickness related to inflammation', *CLINICAL AND INVESTIGATIVE MEDICINE* **40**(1), E25-E33.
- [o1] 2017 Zhou, M.; Guo, B.; Wang, Y.; Yan, D.; Lin, C. & Shi, Z. (2017), 'The Association Between Obstructive Sleep Apnea and Carotid Intima-Media Thickness: A Systematic Review and Meta-Analysis', *ANGIOLOGY* **68**(7), 575-583.
- [o1] 2018 Song, D.; Fang, G.; Mao, S.-z.; Ye, X.; Liu, G.; Miller, E. J.; Greenberg, H. & Liu, S. F. (2018), 'Selective inhibition of endothelial NF-kappa B signaling attenuates chronic intermittent hypoxia-induced atherosclerosis in mice', *ATHEROSCLEROSIS* **270**, 68-75.
- [o1] 2019 Drager, L. E.; Lorenzi-Filho, G.; Cintra, F. D.; Pedrosa, R. P.; Bittencourt, L. R. A.; Poyares, D.; Carvalho, C. G.; Pereira Togeiro Moura, S. M. G.; Santos-Silva, R.; de Bruin, P. F. C.; Geovanini, G. R.; Albuquerque, F. N.; Alves de Oliveira, V. A.; Moreira, G. A.; Ueno, L. M.; Nerbass, F. B.; Pinto Brandao Rondon, M. U.; Ferreira Barbosa, F. R.; Bertolami, A.; Vincenzo de Paola, A. A.; Silva Marques, B. B.; Rizzi, C. F.; Negrao, C. E.; Gomes Uchoa, C. H.; Maki-Nunes, C.; Martinez, D.; Fernandez, E. A.; Maroja, F. U.; Almeida, F. R.; Trombetta, I. C.; Storti, L. J.; Bortolotto, L. A.; de Mello, M. T.; Borges, M. A.; Andersen, M. L.; Portilho, N. d. P.; Macedo, P.; Alves, R.; Tufik, S.; Fagundes, S. C.; Risso, T. T. & SBC (2018), '1st Brazilian Positioning on the Impact of Sleep [o1] Disorders on Cardiovascular Diseases of the Brazilian Society of Cardiology', *ARQUIVOS BRASILEIROS DE CARDIOLOGIA* **111**(2), 290-340.
- [o1] 2019 Suzuki, M.; Shimamoto, K.; Sekiguchi, H.; Harada, T.; Satoya, N.; Inoue, Y.; Yamaguchi, K. & Kawana, M. (2019), 'Arousal index as a marker of carotid artery atherosclerosis in patients with obstructive sleep apnea syndrome', *SLEEP AND BREATHING* **23**(1), 87-94.

[o11] Szaboova, E.; Tomori, Z.; Szabo, P.; Gresova, S. & Donic, V. (2010), 'SEVERE NOCTURNAL CARDIAC ARRHYTHMIAS CAUSED BY SLEEP APNEA-INDUCED HYPOXEMIA IN MALES', *EUROPEAN JOURNAL OF MEDICAL RESEARCH* **15**(2), 193-197.

ADC03 Szabó, Peter (100%) : A short note on the weighted sub-partition mean of integers

Lit. 7 zázň., 1 obr.

In: *Operations Research Letters*. - Vol. 37, No. 5 (2009), s. 356-358

Registrované v: wos, scopus

Ohlasy (0 +2):

[o11] 2013 Szabo, P. (2013), 'AN ITERATIVE ALGORITHM FOR COMPUTING THE CYCLE MEAN OF A TOEPLITZ MATRIX IN SPECIAL FORM', *KYBERNETIKA* **49**(4), 636-643. - SCI ; SCOPUS

[o11] 2017 Szabo, P. (2017), 'Goldbach's conjecture in max-algebra', *COMPUTATIONAL MANAGEMENT SCIENCE* **14**(1, SI), 81-89. - SCI ; SCOPUS

ADC04 Szabóová, Eva (60%) - Tomori, Zoltán (25%) - Szabó, Peter (5%) - Grešová, Soňa (5%) - Donič, Viliam (5%): Severe nocturnal cardiac arrhythmias caused by sleep apnea-induced hypoxemia in males

Lit. 22 zázň., 2 obr., 2 tab.

In: *European Journal of Medical Research*. - Vol. 15, Suppl. 2 (2010), s. 193-197

[Advances in Pneumology 2010 : International Conference. Warsaw, 27.-29.5.2010]

Registrované v: wos, scopus

Ohlasy (1):

[o1] 2012 Gao, Y. H. - Chen, L. - Ma, Y. L. - He, Q. Y.: Chronic intermittent hypoxia aggravates cardiomyocyte apoptosis in rat ovariectomized model. In: *Chinese Medical Journal*, Vol. 125, No. 17, 2012, s. 3087-3092 - SCI ; SCOPUS

ADC05 Plavka, Ján (60%) - Szabó, Peter (40%): On the lambda-robustness of matrices over fuzzy algebra

Lit. 22 zázň.

In: *Discrete Applied Mathematics*. - Vol. 159, No. 5 (2011), s. 381-388

Registrované v: wos, scopus

Ohlasy (11+16):

[o1] 2011 Wu, S. - Fu, C.: Three theorems of interval fuzzy set. In: *Proceedings of 2011 IEEE International Conference on Grey Systems and Intelligent Services*. New York : IEEE, 2011, S. 831-837 - SCOPUS

[o1] 2012 Wu, S. - Cao, D.: Theorems of interval fuzzy set and its operation rules. In: *Transactions of Nanjing University of Aeronautics and Astronautics*, Vol. 29, No. 2, 2012, s. 136-144 - SCOPUS

[o1] 2012 Wu, S. - Fu, C.: Three theorems of interval fuzzy set. In: *Kybernetes*, Vol. 41, No. 5-6, 2012, s. 686-702 - SCI ; SCOPUS

[o1] 2013 Molnarova, M.: Robustness of (0-1) Monge fuzzy matrices. In: *Mathematical Methods in Economics*. Jihlava : Vysoká škola polytechnická, 2013, S. 636-641 - CPCI-SSH

[o1] 2013 Myskova, H.: Robustness of interval matrices in max-drast algebra. In: *Mathematical Methods in Economics*. Jihlava : Vysoká škola polytechnická, 2013, S. 642-648 - CPCI-SSH

[o2] 2013 Myskova, H.: Robustness of circulant-Hankel matrices in fuzzy algebra. In: *12th Conference on Applied Mathematics, APLIMAT 2013*. Bratislava : STU, 2013, nestr. - SCOPUS

[o1] 2014 Molnarova, M.: Robustness of Monge matrices in fuzzy algebra. In: *Mathematical Methods in Economics*. Olomouc : Palacky University, 2014, S. 679-684 - CPCI-S

[o1] 2014 Myskova, H. - Stefansky, L.: Robustness of fuzzy interval circulant-Hankel matrices. In: *Linear Algebra and Its Applications*, Vol. 444, 2014, s. 165-182 - SCI ; SCOPUS

[o1] 2014 Myskova, H.: Interval max-drast systems of linear equations. In: *Mathematical Methods in Economics*. Olomouc : Palacky University, 2014, S. 685-690 - CPCI-S

[o1] 2016 Molnarova, M.: Possible and universal robustness of Monge fuzzy matrices. In: *34th International Conference Mathematical Methods in Economics*. Liberec : Technical University, 2016, S. 582-587 - CPCI-SSH

[o1] 2018 Kepner, J. & Jananthan, H. (2018), Eigenvalues and Eigenvectors'MATHEMATICS OF BIG DATA: SPREADSHEETS, DATABASES, MATRICES, AND GRAPHS', pp. 351-387.

- [o11] 2012 Plavka, J. (2012), 'On the $O(n^3)$ algorithm for checking the strong robustness of interval fuzzy matrices', *DISCRETE APPLIED MATHEMATICS* **160**(4-5), 640-647.
- [o11] 2013 Myskova, H. & Plavka, J. (2013), 'X-robustness of interval circulant matrices in fuzzy algebra', *LINEAR ALGEBRA AND ITS APPLICATIONS* **438**(6), 2757-2769.
- [o11] 2013 Molnarova, M.; Myskova, H. & Plavka, J. (2013), 'The robustness of interval fuzzy matrices', *LINEAR ALGEBRA AND ITS APPLICATIONS* **438**(8), 3350-3364.
- [o11] 2013 Plavka, J. (2013), 'ON THE WEAK ROBUSTNESS OF FUZZY MATRICES', *KYBERNETIKA* **49**(1), 128-140.
- [o11] 2014 Myskova, H. & Plavka, J. (2014), 'The robustness of interval matrices in max-plus algebra', *LINEAR ALGEBRA AND ITS APPLICATIONS* **445**, 85-102.
- [o11] 2014 Plavka, J. (2014), 'The weak robustness of interval matrices in max-plus algebra', *DISCRETE APPLIED MATHEMATICS* **173**, 92-101.
- [o11] 2015 Myskova, H. & Plavka, J. (2015), 'On the weak robustness of interval fuzzy matrices', *LINEAR ALGEBRA AND ITS APPLICATIONS* **474**, 243-259.
- [o11] 2015 Gavalec, M. & Plavka, J. (2015), The steady states and robustness of fuzzy discrete dynamic systems, in J. M. Alonso; H. Bustince & M. Reformat, ed., 'PROCEEDINGS OF THE 2015 CONFERENCE OF THE INTERNATIONAL FUZZY SYSTEMS ASSOCIATION AND THE EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY', pp. 98-105.
- [o11] 2016 Plavka, J. (2016), 'COMPUTING THE GREATEST X-EIGENVECTOR OF A MATRIX IN MAX-MIN ALGEBRA', *KYBERNETIKA* **52**(1), 1-14.
- [o11] 2016 Plavka, J. & Sergeev, S. (2016), 'CHARACTERIZING MATRICES WITH X-SIMPLE IMAGE EIGENSPACE IN MAX-MIN SEMIRING', *KYBERNETIKA* **52**(4), 497-513.
- [o11] 2017 Molnarova, M. (2017), Robustness of interval Monge matrices in max-min algebra, in P. Prazak, ed., 'MATHEMATICAL METHODS IN ECONOMICS (MME 2017)', pp. 486-491.
- [o11] 2017 Plavka, J. (2017), Efficient algorithms for X-simplicity and weak (X, lambda)-robustness of fuzzy matrices, in P. Prazak, ed., 'MATHEMATICAL METHODS IN ECONOMICS (MME 2017)', pp. 578-583.
- [o11] 2018 Plavka, J. (2018), 'Subeigenvectors and supereigenvectors of fuzzy matrices', *FUZZY SETS AND SYSTEMS* **339**, 62-72.
- [o11] 2018 Berezny, S. & Plavka, J. (2018), 'X-SIMPLICITY OF INTERVAL MAX-MIN MATRICES', *KYBERNETIKA* **54**(3), 413-426.
- [o11] 2019 Myskova, H. & Plavka, J. (2019), 'Reachability of eigenspaces for interval matrices in max-min algebra', *LINEAR ALGEBRA AND ITS APPLICATIONS* **578**, 314-333.
- [o11] 2019 Myskova, H. & Plavka, J. (2019), 'X-AE and X-EA robustness of max-min matrices', *DISCRETE APPLIED MATHEMATICS* **267**, 142-150.

ADC06 Szabó, Peter (100%) : An iterative algorithm for computing the cycle mean of a Toeplitz matrix in special form

Lit. 9 zázň., 2 obr.

In: *Kybernetika*. - Vol. 49, No. 4 (2013), s. 636-643

Registrované v: wos, scopus

Ohlasy (0+1):

[o11] 2017 Szabo, P. (2017), 'Goldbach's conjecture in max-algebra', *COMPUTATIONAL MANAGEMENT SCIENCE* **14**(1, SI), 81-89. - SCI ; SCOPUS

Štatistika ohlasov (80):

[o1] Citácie v zahraničných publikáciách (ADC) registrované v citačných indexoch (53)

[o11] Autocitácie v zahraničných publikáciách (ADC) registrované v citačných indexoch (27)

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADM01 Cechlárová, Katarína (50%) - Szabó, Peter (50%): On the monge property of matrices

Lit. 5 zázň.

In: Discrete Mathematics. - Vol. 81, No. 2 (1990), s. 123-128

Registrované v: wos, scopus

Ohlasy (11):

[o1] 1993 Shamir, R.: A fast algorithm for constructing monge sequences in transportation problems with forbidden arcs. In: Discrete Mathematics, Vol. 114, No. 1-3, 1993, s. 435-444 - SCI ; SCOPUS

[o1] 1994 Rudolf, R.: Recognition of d-dimensional Monge arrays. In: Discrete Applied Mathematics, Vol. 52, No. 1, 1994, s. 71-82 - SCI ; SCOPUS

[o1] 1995 Bein, W. - Brucker, P. - Park, J. - Pathak, P.: A Monge property for the d-dimensional transportation problem. In: Discrete Applied Mathematics, Vol. 58, No. 2, 1995, s. 97-109 - SCI ; SCOPUS

[o1] 1995 Klinz, B. - Rudolf, R. - Woeginger, G.: On the recognition of permuted bottleneck Monge matrices. In: Discrete Applied Mathematics, Vol. 63, No. 1, 1995, s. 43-74 - SCOPUS

[o1] 1996 Burkard, R. - Klinz, B. - Rudolf, R.: Perspectives of Monge properties in optimization. In: Discrete Applied Mathematics, Vol. 70, No. 2, 1996, s. 95-161 - SCI ; SCOPUS

[o1] 1998 Burkard, R. - Deineko, V. - Van Dal, R. - van der Veen, J. - Woeginger, G.: Well-solvable special cases of the traveling salesman problem: A survey. In: SIAM Review, Vol. 40, No. 3, 1998, s. 496-546 - SCI ; SCOPUS

[o1] 1998 Fortin, D. - Rudolf, R.: Weak Monge arrays in higher dimensions. In: Discrete Mathematics, Vol. 189, No. 1-3, 1998, s. 105-115 - SCI ; SCOPUS

[o1] 1999 Kabadi, S. N. - Baki, M. F.: Gilmore-Gomory type traveling salesman problems. In: Computers & Operations Research, Vol. 26, No. 4, 1999, s. 329-351 - SCI ; SCOPUS

[o3] 2002 Fiedler, M.: Remarks on Monge matrices. In: Mathematica Bohemia, Vol. 127, No. 1, 2002, s. 32

[o1] 2003 Gavalec, M. - Plavka, J.: An $O(n(2))$ algorithm for maximum cycle mean of Monge matrices in max-algebra. In: Discrete Applied Mathematics, Vol. 127, No. 3, 2003, s. 651-656 - SCI ; SCOPUS

[o1] 2014 Farber, M. - Ray, S. - Smorodinsky, S.: On totally positive matrices and geometric incidences. In: Journal of Combinatorial Theory Series A, Vol. 128, 2014, s. 149-161 - SCI ; SCOPUS

ADM02 Szabó, Peter (100%) : Goldbach's conjecture in max-algebra

Lit. 9 zázň., 2 obr.

In: *COMPUTATIONAL MANAGEMENT SCIENCE* **14**(1, SI), 81-89.

Registrované v: wos, scopus

Ohlasy (0+2):

[o11] 2017 Szabo, P. & Galanda, J. (2017), Sage Math for education and research, in '2017 15TH IEEE INTERNATIONAL CONFERENCE ON EMERGING ELEARNING TECHNOLOGIES AND APPLICATIONS (ICETA 2017)', pp. 469-472.

[o11] 2018 Szabo, P.; Moucha, V. & Ferencova, M. (2018), Cloud Computing and Numerical Mathematics, in F. Jakab, ed., '2018 16TH INTERNATIONAL CONFERENCE ON EMERGING ELEARNING TECHNOLOGIES AND APPLICATIONS (ICETA)', pp. 551-556.

Štatistika ohlasov (12):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (10)

[o11] Autocitácie v zahraničných publikáciách registrované v citačných indexoch (2)

Celkové štatistiky ohlasov (ADC, ADM) (92):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (63)

[o11] Autocitácie v zahraničných publikáciách registrované v citačných indexoch (29)

V Košiciach, 30.1.2020

.....
RNDr. Peter Szabó, PhD.