

Author Index Volume 32 (2017)

The issue number is given in front of the pagination

- Abbas, M.I., see Amer, W.S. (1) 1089–1099
Abbasbandy, S., see Armand, A. (1) 363–371
Abbasizadeh, N., B. Davvaz and V. Leoreanu-Fotea,
Studies on fuzzy topological polygroups (1) 1101–
1110
Abdalla, T.Y., A.A. Abed and A.A. Ahmed, Mobile robot
navigation using PSO-optimized fuzzy artificial
potential field with fuzzy control (6) 3893–3908
Abed, A.A., see Abdalla, T.Y. (6) 3893–3908
Abhishek, S.N., R.B. Balakirithikaa, C. Madhan and
S.K. Vasudevan, An innovative and intelligent
earphone with auto pause facility (4) 3221–3228
Abiri, E., Z. Bezreh and A. Darabi, The optimum design
of RAM cell based on the modified-GDI method
using Non-dominated Sorting Genetic Algorithm II
(NSGA-II) (6) 4095–4108
Adigun, M., see Mathaba, S. (4) 3091–3101
Adigun, M., see Oki, O.A. (4) 3103–3110
Agarwal, S., V. Singh, A. Rani and A.P. Mittal, Hardware
efficient denoising system for real EOG signal
processing (4) 2857–2862
Agelidis, V.G., see Kamankesh, H. (1) 373–387
Aggarwal, N., see Kaur, A. (4) 3159–3166
Aghayi, N., Cost efficiency measurement with fuzzy
data in DEA (1) 409–420
Ahmed, A.A., see Abdalla, T.Y. (6) 3893–3908
Akbarzadeh, A., see Kardan, I. (1) 551–563
Akbarzadeh-T, M.-R., see Kardan, I. (1) 551–563
Akhtar, N. and B. Siddique, Hierarchical visualization
of sport events using Twitter (4) 2953–2961
Akram, M. and M. Sarwar, Novel applications of
m-polar fuzzy hypergraphs (3) 2747–2762
Akram, M. and S. Shahzadi, Neutrosophic soft graphs
with application (1) 841–858
Alabau, V., see Leiva, L.A. (1) 613–627
Alaedini, A., see Bakhtiarifar, M.H. (6) 3961–3971
Alavi, S.Z., R.A. Borzooei and M.A. Kologani, Fuzzy
filters in pseudo hoops (3) 1997–2007
Ali, M.I., see Ma, X. (3) 2071–2082
Aliannezhadi, S., S.S. Ardalan and A.A. Molai,
Maximizing a monomial geometric objective
function subject to bipolar max-product fuzzy
relation constraints (1) 337–350
Alkhazaleh, S., n-Valued refined neutrosophic soft set
theory (6) 4311–4318
Allahviranloo, T., see Armand, A. (1) 363–371
Allen, A.D., Algorithms that extract knowledge from
fuzzy big data: Conserving traditional science (5)
3689–3694
Alotaibi, A., see Mohiuddine, S.A. (6) 4331–4342
Altinok, H. and D. Yağdiran, Lacunary statistical
convergence defined by an Orlicz function in
sequences of fuzzy numbers (3) 2725–2731
Amer, W.S., M.I. Abbas and M.K. El-Bably, On j-near
concepts in rough sets with some applications (1)
1089–1099
Amiri, A., see Bakhtiarifar, M.H. (6) 3961–3971
Amiri, M., M.-R. Feizi-Derakhshi and L. Mohammad-
Khanli, IDS fitted Q improvement using fuzzy
approach for resource provisioning in cloud (1)
229–240
Amroune, A. and A. Oumhani, A representation theorem
for infinite fuzzy distributive lattices (1) 35–42
An, T.V., N.V. Hoa and N.A. Tuan, Impulsive hybrid
interval-valued functional integro-differential
equations (1) 529–541
Anousouya Devi, M., see Punitha, S. (4) 2819–2828
Ansarinejad, A., see Nazari-Shirkouhi, S. (6) 3921–
3944
Anuradha, R. and N. Rajkumar, Mining generalized
positive and negative inter-cross fuzzy multiple-
level coherent rules (3) 2269–2280
Anvariye, S.M., see Mirdar Harijani, K. (1) 435–441
Ardalan, S.S., see Aliannezhadi, S. (1) 337–350
Armand, A., T. Allahviranloo, S. Abbasbandy and Z.
Gouyandeh, Fractional relaxation-oscillation
differential equations via fuzzy variational iteration
method (1) 363–371

- Arora, S. and S. Singh, An improved butterfly optimization algorithm with chaos (1) 1079–1088
- Arya, R. and P. Singh, Fuzzy parametric iterative method for multi-objective linear fractional optimization problems (1) 421–433
- Ashok, A., P. Poornachandran, S. Pal, P. Sankar and K. Surendran, Why so abnormal? Detecting domains receiving anomalous surge traffic in a monitored network (4) 2901–2907
- Awais, M.M., see Baig, M.M., (4) 2875–2883
- Aygün, H., see Çetkin, V. (1) 781–790
- Aygünoğlu, A., see Çetkin, V. (1) 781–790
- Azam, A., see Rashid, M. (1) 499–507
- Bagga, S., A. Girdhar and M.C. Trivedi, SPMD based time sharing intelligent approach for image denoising (5) 3561–3573
- Baghaee, H.R., M. Mirsalim and G.B. Gharehpetian, Multi-objective optimal power management and sizing of a reliable wind/PV microgrid with hydrogen energy storage using MOPSO (3) 1753–1773
- Bagheri, M., M. Miri and N. Shabakhty, Fuzzy time dependent structural reliability analysis using alpha level set optimization method based on genetic algorithm (6) 4173–4182
- Bagherpour, M., see Makui, A. (3) 2233–2249
- Bahmani-Firuzi, B. and R. Khorshidi, A new optimization algorithm based on teacher learning algorithm for optimal operation of electric grids (6) 3839–3846
- Bai, S.-Z., see Wu, X.-Y. (6) 4273–4284
- Bai, Y., see Zong, L. (5) 3539–3550
- Baig, M.M., M.M. Awais and E.-S.M. El-Alfy, A multiclass cascade of artificial neural network for network intrusion detection (4) 2875–2883
- Bajaj, R., see Bhullar, R.K. (4) 3129–3142
- Bakhtiarifar, M.H., A. Amiri and A. Alaeddini, Economic-statistical design of \bar{X} Shewhart control charts with fuzzy parameters (6) 3961–3971
- Balakirithikaa, R.B., see Abhishek, S.N. (4) 3221–3228
- Balakrishnan, P., see Dhanya, N.M. (4) 3081–3089
- Balik, L., see Sobeslav, V. (2) 1475–1484
- Balsara, I.T., see Song, X. (3) 1903–1915
- Ban, X., see Liu, Y. (3) 2579–2589
- Bao, T., see Zhou, G. (5) 3785–3796
- Barman, D., see Hasnat, A. (5) 3711–3727
- Baten, A. and R. Khalid, Extended optimal stochastic production control model with application to economics (3) 1847–1854
- Bayazit, F., see Talo, Ö. (3) 2617–2624
- Bedi, P., see Gautam, A. (4) 2997–3008
- Bedi, P., see Sharma, C. (4) 2987–2995
- Bedi, P., see Vashisth, P. (6) 3945–3960
- Bezreh, Z., see Abiri, E. (6) 4095–4108
- Bhat, S.S., see Nangrani, S.P. (4) 3017–3029
- Bhattacharjee, D., see Hasnat, A. (5) 3711–3727
- Bhattacharjee, P., A. Debnath, S. Chakraborty and U.K. Mandal, Selection of optimal aluminum alloy using TOPSIS method under fuzzy environment (1) 871–876
- Bhattacharya, B., see Paul, A. (3) 1815–1820
- Bhullar, R.K., L. Pawar, R. Bajaj and A.K. Manocha, Intelligent stress calculation and scheduling in segmented processor systems using buddy approach (4) 3129–3142
- Bica, A.M. and C. Popescu, Iterative numerical method for nonlinear fuzzy Volterra integral equations (3) 1639–1648
- Blanco-Mesa, F., J.M. Merigó and A.M. Gil-Lafuente, Fuzzy decision making: A bibliometric-based review (3) 2033–2050
- Błaszczyk, P., W. Turek, K. Cetnarowicz and A. Byrski, Urban traffic simulation using credible driver modeling method (2) 1535–1546
- Blazek, P., K. Kuca, D. Jun and O. Krejcar, Development of information and management system for laboratory based on open source licensed software with security logs extension (2) 1497–1508
- Blocho, M., see Nalepa, J. (2) 1547–1559
- Bordbar, H., see Song, S.-Z. (3) 2009–2016
- Borzooei, R.A., see Alavi, S.Z. (3) 1997–2007
- Borzooei, R.A., see Namdar, A. (3) 1805–1813
- Bu, H., R. Zhu, S. Chen and X. Tan, Sorting realization of well-ordered sets based on π -calculus (5) 3429–3445
- Byrski, A., see Błaszczyk, P. (2) 1535–1546
- Çetkin, V., A. Aygün and H. Aygün, A topological view on application of L-fuzzy soft sets: Compactness (1) 781–790
- Cai, C.-g., see Wang, P. (1) 1069–1078
- Cai, D., see Xu, T. (3) 2061–2070
- Cai, F. and H. Chen, Term-level semantic similarity helps time-aware term popularity based query completion (6) 3999–4008
- Cai, K.-Y., see Zhao, Z. (1) 643–660
- Camacho, A., M.G. Merayo and M. Núñez, Collective intelligence and databases in eHealth: A survey (2) 1485–1496
- Camacho, D., see Rodríguez-Fernández, V. (2) 1307–1319
- Cañizares, P.C., M.G. Merayo and J.M. Vara, LAnt: Model driven approach for ant colony optimization (2) 1343–1354

- Cetnarowicz, K., see Błaszczyk, P. (2) 1535–1546
- Chakrabarti, A., see Goswami, S. (6) 3847–3858
- Chakraborty, B., see Goswami, S. (6) 3847–3858
- Chakraborty, D., see Singh, V.P. (1) 521–528
- Chakraborty, J., see Paul, A. (3) 1815–1820
- Chakraborty, S., see Bhattacharjee, P. (1) 871–876
- Champiri, M.D., S. Sajjadi, S.H. Mousavizadegan and F. Moodi, A fuzzy system for evaluation of deteriorated marine steel structures (3) 1945–1958
- Chandanapalli, S.B., E.S. Reddy and D.R. Lakshmi, FTDT: Rough set integrated functional tangent decision tree for finding the status of aqua pond in aquaculture (3) 1821–1832
- Chang, V., see Siddiqi, A. (5) 3259–3271
- Chang, W., see Zhou, S. (1) 543–549
- Chang, W.-J., see Qiao, H.-Y. (6) 4285–4297
- Chao, K.-M., see Lin, S.-Y. (2) 1413–1426
- Chao, K.-M., see Tian, F. (2) 1389–1400
- Chatrsimab, S., see Simab, M. (6) 3859–3866
- Chen, A. and S. Wang, A robust fuzzy clustering algorithm using mean-field-approximation based hidden Markov random field model for image segmentation (1) 177–188
- Chen, A., P. Qian, S. Wang and Y. Jiang, Large-scale fuzzy multiple-medoid clustering method (3) 1833–1845
- Chen, H., see Cai, F. (6) 3999–4008
- Chen, H., see Guan, X. (3) 2281–2294
- Chen, J., see He, J. (5) 3355–3364
- Chen, J., see Niu, J. (6) 4247–4258
- Chen, M., see Liao, W. (1) 913–923
- Chen, R., see Xu, X. (6) 4533–4542
- Chen, S., see Bu, H. (5) 3429–3445
- Chen, S., see Han, Y. (6) 4299–4309
- Chen, S.-Q., see Lin, Y. (1) 691–701
- Chen, T., see Wang, Y. (1) 401–407
- Chen, W. and J. Li, Evaluation of risk management capability of partners in R&D projects based on error propagation and orthogonal projection (6) 4419–4429
- Chen, W., see Gupta, P. (6) 4431–4441
- Chen, W., see Shen, Y. (1) 671–680
- Chen, X., P. Yang, T. Qiu, H. Yin and J. Ji, IoE-MPP: A mobile portal platform for internet of everything (4) 3069–3080
- Chen, X., see Gao, R. (6) 4367–4378
- Chen, X., see Ma, T. (5) 3447–3459
- Chen, X.G., Research on reliability of complex network for estimating network reliability (5) 3551–3560
- Chen, Y.-H., see Zhao, R. (1) 723–735
- Chen, Z., see Zhang, Z. (5) 3749–3760
- Cheng, J., see Tong, Q. (6) 4145–4157
- Cheng, X., see Xin, X. (3) 2591–2602
- Chi, K.-H., see Kustiawan, I. (5) 3313–3324
- Chin, K.-S., see Chu, J. (3) 2563–2578
- Chiu, C.-H., Y.-F. Peng and C.-H. Sun, Intelligent decoupled controller for mobile inverted pendulum real-time implementation (6) 3809–3820
- Chiu, Y.-C., see Lin, S.-Y. (2) 1413–1426
- Choroś, K., Application of the temporal aggregation and pre-categorization of news video shots to reduce the time of content analysis (2) 1615–1626
- Chowdhury, T.M., see Sarkhel, R. (4) 3189–3199
- Chris, H.Z., see Liu, K. (5) 3387–3400
- Chu, J., K.-S. Chin, X. Liu and Y. Wang, A prospect theory based approach to multiple attribute decision making considering the decision maker's attitudinal character (3) 2563–2578
- Contreras, I., J.I. Hidalgo and L. Nuñez-Letamendía, A hybrid automated trading system based on multi-objective grammatical evolution (3) 2461–2475
- Costa, E.B.M. and G.L.O. Serra, Swarm optimization based adaptive fuzzy control design from robust stability criteria (3) 1787–1804
- Cristea, I., see Norouzi, M. (3) 1711–1717
- Cui, J., Model for evaluating the security of wireless network with fuzzy linguistic information (3) 2697–2704
- Cui, Q., see Sheng, Y. (3) 2187–2194
- Cui, Y., see Han, Y. (6) 4183–4195
- Curteanu, S., see Leon, F. (2) 1321–1332
- Czarnowski, I. and P. Jędrzejowicz, Learning from examples with data reduction and stacked generalization (2) 1401–1411
- D.S. Ruiz and G.M. Pérez (5) 3231–3243
- Dai, J., G. Zheng, H. Han, Q. Hu, N. Zheng, J. Liu and Q. Zhang, Probability approach for interval-valued ordered decision systems in dominance-based fuzzy rough set theory (1) 703–710
- Dai, L., see Gong, Y. (3) 1891–1902
- Dai, Y., see Qin, Z. (6) 4523–4531
- Darabi, A., see Abiri, E. (6) 4095–4108
- Das, M., see Sarkhel, R. (4) 3189–3199
- Das, N., see Sarkhel, R. (4) 3189–3199
- Das, P.K., see Mahanta, J. (1) 443–450
- Davvaz, B., see Abbasizadeh, N. (1) 1101–1110
- Davvaz, B., see Kazancı, O. (3) 2437–2446
- Davvaz, B., see Khan, N.M. (1) 1045–1057
- Davvaz, B., see Tang, J. (3) 2447–2460
- Davvaz, B., see Tang, J. (6) 3821–3838
- Debnath, A., see Bhattacharjee, P. (1) 871–876

- Deepthi, P.S. and S.M. Thampi, Predicting cancer subtypes from microarray data using semi-supervised fuzzy C-means algorithm (4) 2797–2805
- Deli, I. and Y. Şubaş, Some weighted geometric operators with SVTrN-numbers and their application to multi-criteria decision making problems (1) 291–301
- Devaraj, D., see Sheik Mohammed, S. (4) 3031–3041
- Devi, S.S., J. Singha, M. Sharma and R.H. Laskar, Erythrocyte segmentation for quantification in microscopic images of thin blood smears (4) 2847–2856
- Dewasthale, M. and R.D. Kharadkar, High performance self tuning adaptive filter algorithm for noise cancellation in speech (4) 3167–3176
- Dhanya, N.M., G. Kousalya and P. Balakrishnan, Dynamic mobile cloud offloading prediction based on statistical regression (4) 3081–3089
- Dimitrijev, S., see Milacic, M. (4) 2933–2939
- Ding, D., see Wang, B. (5) 3775–3784
- Ding, J., Z. Xu and N. Zhao, An interactive approach to probabilistic hesitant fuzzy multi-attribute group decision making with incomplete weight information (3) 2523–2536
- Dong, B., see Tian, F. (2) 1389–1400
- Dong, X., see Zheng, K. (6) 4563–4572
- Dost, Ş., Semi-compactness in ditopological texture spaces and soft fuzzy topological spaces (1) 925–936
- Du Nguyen, V., see Duong, T.H. (2) 1627–1638
- Duong, T.H., D.A. Nguyen, V. Du Nguyen and N. Van Huan, Behavior-based video recommendation using adaptive neuro-fuzzy system on social TV (2) 1627–1638
- Dutta, A. and B.C. Tripathy, On fuzzy $b\text{-}\theta$ open sets in fuzzy topological space (1) 137–139
- E.-S.M. El-Alfy see Baig, M.M., (4) 2875–2883
- Ebrahimnejad, S., M.A. Naeini, H. Gitinavard and S.M. Mousavi, Selection of IT outsourcing services' activities considering services cost and risks by designing an interval-valued hesitant fuzzy-decision approach (6) 4081–4094
- El-Alfy, E.-S.M., Evaluation of sequential adaptive testing with real-data simulation: A case study (4) 2977–2986
- El-Alfy, E.-S.M., see Thampi, S.M. (4) 2791–2796
- El-Bably, M.K., see Amer, W.S. (1) 1089–1099
- El-Sheikh, S.A., see Kandil, A. (1) 1007–1018
- Faizi, S., T. Rashid and S. Zafar, An outranking method for multi-criteria group decision making using hesitant intuitionistic fuzzy linguistic term sets (3) 2153–2164
- Fan, E., see Hu, K. (3) 1775–1786
- Fan, W., An approach to evaluating the knowledge innovation ability of new ventures based on knowledge management with fuzzy number intuitionistic fuzzy information (6) 4357–4365
- Faruk, M.N., see Sreedhar, K.C. (4) 2863–2873
- Fazakis, N., S. Karlos, S. Kotsiantis and K. Sgarbas, Self-trained Rotation Forest for semi-supervised learning (1) 711–722
- Feizi-Derakhshi, M.-R., see Amiri, M. (1) 229–240
- Feng, L., Y. Wang and W. Zuo, Novel feature selection method based on random walk and artificial bee colony (1) 115–126
- Feng, Y. and C. Li, Comparison system of impulsive control system with impulse time windows (6) 4197–4204
- Feng-Qiu see Zhou, G. (5) 3785–3796
- Fillatre, L., see Zhang, J. (5) 3595–3608
- Fister, I., see Mlakar, U. (6) 4319–4330
- Fister, Jr., I., see Mlakar, U. (6) 4319–4330
- Gandhi, T.K., see Gupta, T. (5) 3575–3583
- Gang, Z., see Lianqiang, N. (5) 3739–3748
- Gao, J., see Li, C. (3) 2705–2715
- Gao, N., Q. Li and X. Huang, The category of algebraic fuzzy closure L-systems on fuzzy complete lattices (1) 737–748
- Gao, R. and X. Chen, Some concepts and properties of uncertain fields (6) 4367–4378
- Gao, R., see Yu, H. (3) 2101–2109
- Gao, X.-Y. and X.-F. Yang, Measures of compactness in (L, M) -fuzzy Q-convergence spaces (6) 4109–4118
- García-Saiz, D. and M. Zorrilla, A meta-learning based framework for building algorithm recommenders: An application for educational arena (2) 1449–1459
- Gautam, A. and P. Bedi, Developing content-based recommender system using Hadoop Map Reduce (4) 2997–3008
- Geetha, T.V., see Vidhya, K.A. (3) 2165–2185
- Geng, Z., see Han, Y. (6) 4183–4195
- Ghadimi, N., see Gollou, A.R. (6) 4031–4045
- Ghafour, K., R. Ramli and N.Z. Zaibidi, Developing a M/G/C-FCFS queueing model with continuous review (R, Q) inventory system policy in a cement industry (6) 4059–4068
- Ghannadi, S., M. Mehrtash, M. Mohammadi and M. Raoofat, Determining inactive constraints in stochastic security-constrained unit commitment using cumulants (3) 2123–2135
- Gharehpetian, G.B., see Baghaee, H.R. (3) 1753–1773

- Gildeh, B.S., see Parchami, A. (3) 1649–1658
 Gil-Lafuente, A.M., see Blanco-Mesa, F. (3) 2033–2050
 Girdhar, A., see Bagga, S. (5) 3561–3573
 Gitinavard, H., see Ebrahimnejad, S. (6) 4081–4094
 Goel, N., see Sehgal, P. (5) 3641–3653
 Goh, M., see Rao, C. (6) 4009–4022
 Gollou, A.R. and N. Ghadimi, A new feature selection and hybrid forecast engine for day-ahead price forecasting of electricity markets (6) 4031–4045
 Gong, P., see Zhao, T. (3) 2207–2219
 Gong, Y., S. Yang, L. Dai and N. Hu, A new approach for ranking of interval type-2 trapezoidal fuzzy numbers (3) 1891–1902
 González, F.A., see Plata, D.R. (2) 1333–1342
 Gopal, S. Srivastava and S. Srivastava, Biometric authentication using local subspace adaptive histogram equalization (4) 2893–2899
 Gopalakrishnan, U., see Ramkumar, N. (4) 2963–2969
 Goswami, S., A. Chakrabarti and B. Chakraborty, An efficient feature selection technique for clustering based on a new measure of feature importance (6) 3847–3858
 Gouyandeh, Z., see Armand, A. (1) 363–371
 Graña, M., see Ksieniewicz, P. (2) 1427–1436
 Grover, N., see Gupta, P. (6) 4431–4441
 Gu, F., see Zeng, S. (1) 11–22
 Gu, Z. and X. Tang, (Fuzzy) strongly regular equivalence relations on semihypergroups (1) 75–83
 Guan, X., L. Qian, M. Li, H. Chen and L. Zhou, Earthquake relief emergency logistics capacity evaluation model integrating cloud generalized information aggregation operators (3) 2281–2294
 Guan, X., see Zhang, Y. (3) 2679–2695
 Gui, B., see Zhang, Q. (1) 1–9
 Guo, J. and X. Shao, A fine fuzzy spatial partitioning model for line objects based on computing with words and application in natural language spatial query (3) 2017–2032
 Guo, J., see Wang, Z. (1) 321–335
 Guo, M., see Lv, W. (6) 4379–4387
 Guo, S., see Zheng, K. (6) 4563–4572
 Guo, X. and K. Zhang, Solving fuzzy matrix equation of the form $\bar{X}\bar{A} = \bar{B}$ (3) 2771–2778
 Gupta, P., M.K. Mehlawat, N. Grover and W. Chen, Modified intuitionistic fuzzy SIR approach with an application to supplier selection (6) 4431–4441
 Gupta, S.K., see Selwal, A. (5) 3325–3337
 Gupta, T., T.K. Gandhi and B.K. Panigrahi, Multi-sequential MR brain image classification for tumor detection (5) 3575–3583
 Gupta, V., see Piryani, R. (5) 3297–3311
 Ha, Q.-T., see Nguyen, L.A. (2) 1203–1215
 Halder, S., see Hasnat, A. (5) 3711–3727
 Han, C., see Wang, T. (5) 3401–3412
 Han, H., see Dai, J. (1) 703–710
 Han, L., see Zheng, K. (6) 4563–4572
 Han, Y., C.-C. Lim and S. Chen, Triple *I* fuzzy modus tollens method with inconsistent bipolarity information (6) 4299–4309
 Han, Y., Z. Geng, Q. Zhu, Z. Wang and Y. Cui, Energy consumption analysis and evaluation of petrochemical industries using an improved fuzzy analytic hierarchy process approach (6) 4183–4195
 Hao, J., see Shi, L. (3) 2221–2232
 Hariharan, B., see Ramkumar, N. (4) 2963–2969
 Hasnat, A., D. Barman, S. Halder and D. Bhattacharjee, Modified vector quantization algorithm to overcome the blocking artefact problem of vector quantization algorithm (5) 3711–3727
 Hassan, N., see Khalil, A.M. (3) 2309–2314
 Hasuike, T. and H. Katagiri, An objective formulation of membership function based on fuzzy entropy and pairwise comparison (6) 4443–4452
 Hazarika, B., Pointwise ideal convergence and uniformly ideal convergence of sequences of fuzzy valued functions (3) 2665–2677
 Hazarika, B., see Mohiuddine, S.A. (6) 4331–4342
 Hazza, S.A., see Kandil, A. (1) 1007–1018
 He, F., see Xu, X. (6) 4533–4542
 He, J., X. Sun, W. Li and J. Chen, A new pheromone update strategy for ant colony optimization (5) 3355–3364
 He, L., L. Lu and Q. Wang, An optimal parallel implementation of Markov Clustering based on the coordination of CPU and GPU (5) 3609–3617
 He, X., Y. Li, K. Qin and D. Meng, On the characterizations of fuzzy XNOR connectives (3) 2733–2745
 He, Y., see Sun, Z. (1) 23–33
 Helfroush, M.S., see Zareizadeh, Z. (3) 1685–1696
 Hemmati, R. and A. Rahideh, Optimal design of slotless tubular linear brushless PM machines using metaheuristic optimization techniques (1) 351–362
 Hidalgo, J.I., see Contreras, I. (3) 2461–2475
 Hnatkowska, B., Verification of SUMO ontology (2) 1183–1192
 Hoa, N.V., see An, T.V. (1) 529–541
 Hoang, D.T., see Tran, V.C. (2) 1277–1287
 Holík, F., see Horálek, J. (2) 1523–1534
 Horák, O., see Horálek, J. (2) 1523–1534
 Horálek, J., F. Holík, O. Horák, L. Petr and V. Sobeslav, Analysis of the use of Rainbow Tables to break hash (2) 1523–1534

- Horalek, J., see Sobeslav, V. (2) 1475–1484
- Hornig, O., see Sobeslav, V. (2) 1475–1484
- HosseinzadehLotfi, F., see Modhej, D. (6) 4047–4058
- Hou, J.-L., see Zhu, L.-C. (1) 271–277
- Hou, J.-L., see Zhu, L.-C. (3) 2633–2640
- Hu, F. and C. Tu, An optimization model for target tracking of mobile sensor network based on motion state prediction in emerging sensor networks (5) 3509–3524
- Hu, K., J. Ye, E. Fan, S. Shen, L. Huang and J. Pi, A novel object tracking algorithm by fusing color and depth information based on single valued neutrosophic cross-entropy (3) 1775–1786
- Hu, N., see Gong, Y. (3) 1891–1902
- Hu, Q., see Dai, J. (1) 703–710
- Hu, R., see Zhang, C. (6) 4543–4554
- Hu, Y., see Zhang, Z. (5) 3749–3760
- Huang, H., see Wang, Z. (1) 321–335
- Huang, L., see Hu, K. (3) 1775–1786
- Huang, T., see Zong, L. (5) 3539–3550
- Huang, X. and Q. Li, On strongly convex L-fuzzy subsets of an ordered semigroup (3) 1735–1744
- Huang, X., A review of uncertain portfolio selection (6) 4453–4465
- Huang, X., Q. Zhang and Q. Yang, Best papers of the 2016 International Conference on Management and Operations Research - ICMOR 2016 (6) 4417–4417
- Huang, X., see Gao, N. (1) 737–748
- Huang, Y., see Sun, Z. (1) 23–33
- Hudziak, M., I. Pozniak-Koszalka, L. Koszalka and A. Kasprzak, Multi-agent pathfinding in the crowded environment with obstacles: Algorithms and experimentation system (2) 1561–1573
- Huk, M., Notes on the generalized backpropagation algorithm for contextual neural networks with conditional aggregation functions (2) 1365–1376
- Hwang, D., see Nguyen, N.T. (2) 1217–1228
- Hwang, D., see Nguyen, T.T. (2) 1437–1448
- Hwang, D., see Tran, Q.D. (2) 1229–1240
- Hwang, D., see Tran, V.C. (2) 1277–1287
- Imthias Ahamed, T.P., see Sheik Mohammed, S. (4) 3031–3041
- Iqbal, Q., see Yousafzai, F. (3) 1917–1930
- Jadhav, D.V., see Mane, V.M. (4) 2837–2845
- Jahromi, A.F. and F. Zarei, A LoOP based outlier detection method for high dimensional fuzzy data set (1) 241–248
- James, A.P., see Milacic, M. (4) 2933–2939
- Javadi, H.H.S., see Shirgahi, H. (1) 589–611
- Javadian, M. and S.B. Shouraki, UALM: Unsupervised Active Learning Method for clustering low-dimensional data (3) 2393–2411
- Javidan, R., see Rikhtegar, N. (1) 969–978
- Jędrzejowicz, J. and P. Jędrzejowicz, An ensemble of the distance-based and Naive Bayes classifiers for the online classification with data reduction (2) 1289–1296
- Jędrzejowicz, P., see Jędrzejowicz, J. (2) 1289–1296
- Jędrzejowicz, P., see Czarnowski, I. (2) 1401–1411
- Ji, J., see Chen, X. (4) 3069–3080
- Jiang, Q., see Li, C. (5) 3655–3667
- Jiang, Q.-y., X.-j. Yang and X.-s. Sun, An aided diagnosis model of sub-health based on rough set and fuzzy mathematics: A case of TCM (6) 4135–4143
- Jiang, W., C. Xie, Y. Luo and Y. Tang, Ranking Z-numbers with an improved ranking method for generalized fuzzy numbers (3) 1931–1943
- Jiang, Y., see Chen, A. (3) 1833–1845
- Jianrong, Z., see Linqin, C. (5) 3495–3507
- Jiao, S., see Zhao, R. (1) 723–735
- Jimin, Y., see Linqin, C. (5) 3495–3507
- Jin, H., Models for evaluating the vehicle stability performance with hesitant fuzzy information (3) 2763–2769
- Jin, H., see Zeng, S. (1) 11–22
- Jo, K.-H., see Wahyono (2) 1601–1613
- Joseph, D., see Menon, R.R.K. (4) 2941–2951
- Jun, D., see Blazek, P. (2) 1497–1508
- Jun, Y.B., see Muhiuddin, G. (1) 43–48
- Jun, Y.B., see Song, S.-Z. (3) 2009–2016
- Jung, J.J., see Nguyen, T.T. (2) 1437–1448
- Jung, J.J., see Tran, Q.D. (2) 1229–1240
- Junyang, M., see Zenglian, Z. (6) 4555–4561
- Kahraman, C., A. Parchami, S.C. Onar and B. Oztaysi, Process capability analysis using intuitionistic fuzzy sets (3) 1659–1671
- Kaimal, M.R., see Menon, R.R.K. (4) 2941–2951
- Kalani, H., see Kardan, I. (1) 551–563
- Kalra, B. and J.B. Sharma, Vedic multiplication based efficient OFDM FFT processor (4) 3121–3128
- Kamankesh, H. and V.G. Agelidis, A sufficient stochastic framework for optimal operation of micro-grids considering high penetration of renewable energy sources and electric vehicles (1) 373–387
- Kandil, A., O.A.E. Tantawy, S.A. El-Sheikh and S.A. Hazza, Some types of pairwise soft sets and the associated soft topologies (1) 1007–1018
- Kang, D., see Koh, H. (3) 2477–2484

- Kar, M.B., S. Majumder, S. Kar and T. Pal, Cross-entropy based multi-objective uncertain portfolio selection problem (6) 4467–4483
- Kar, S., see Kar, M.B. (6) 4467–4483
- Kar, S., see Roul, J.N. (1) 565–577
- Kardan, I., M.-R. Akbarzadeh-T, A. Akbarzadeh and H. Kalani, Quasi type 2 fuzzy differential equations (1) 551–563
- Karim, A., see Siddiq, A. (5) 3259–3271
- Karlos, S., see Fazakis, N. (1) 711–722
- Karthikeyan, N.K., see Rajarajeswari, PL. (4) 3111–3120
- Kasprzak, A., see Hudziak, M. (2) 1561–1573
- Katagiri, H., K. Kato and T. Uno, Possibilistic Stackelberg solutions to bilevel linear programming problems with fuzzy parameters (6) 4485–4501
- Katagiri, H., see Hasuike, T. (6) 4443–4452
- Kato, K., see Katagiri, H. (6) 4485–4501
- Kaur, A., N. Sood, N. Aggarwal, D. Vij and B. Sachdeva, Traffic state detection using smartphone based acoustic sensing (4) 3159–3166
- Kaur, M., see Singh, H. (4) 3009–3015
- Kaur, P., see Singh, H. (4) 3009–3015
- Kazancı, O., B. Davvaz and Ş. Yilmaz, A novel concept of (m, n) -ary subhypermodules in the framework of fuzzy sets (3) 2437–2446
- Kazemi, K., see Zareizadeh, Z. (3) 1685–1696
- Kazemi, S.M., M. Rabbani, R. Tavakkoli-Moghaddam and F.A. Shahreza, Blood inventory-routing problem under uncertainty (1) 467–481
- Ke, Q., see Sang, H. (5) 3377–3385
- Ke, X., L. Ma and Y. Wang, A modified belief rule based model for uncertain nonlinear systems identification (6) 3879–3891
- Kellil, R., New approaches on some fuzzy algebraic structures (1) 579–587
- Keshtgari, M., see Rikhtegar, N. (1) 969–978
- Khalaf, M.M., see Yousafzai, F. (3) 1917–1930
- Khalid, R., see Baten, A. (3) 1847–1854
- Khalil, A.M. and N. Hassan, A note on “possibility multi-fuzzy soft set and its application in decision making” (3) 2309–2314
- Khan, M., see Yousafzai, F. (3) 1917–1930
- Khan, M.A., see Khan, N.M. (1) 1045–1057
- Khan, N.M., B. Davvaz and M.A. Khan, Ordered semigroups characterized in terms of generalized fuzzy ideals (1) 1045–1057
- Kharadkar, R.D., see Dewasthale, M. (4) 3167–3176
- Khayyambashi, M.R., see Kianian S. (6) 3987–3998
- Khorshidi, R., see Bahmani-Firuzi, B. (6) 3839–3846
- Khurana, P., see Vashisth, P. (6) 3945–3960
- Kianian S., M.R. Khayyambashi and N. Movahhedinia, FuSeO: Fuzzy semantic overlapping community detection (6) 3987–3998
- Kim, H.S., see Muhiuddin, G. (1) 43–48
- Kim, K., A weighted k-modes clustering using new weighting method based on within-cluster and between-cluster impurity measures (1) 979–990
- Kim, Y.C., see Ko, J.M. (1) 257–270
- Kim, Y.C., see Sayed, O.R. (1) 165–176
- Kitchenham, B., see Madeyski, L. (2) 1509–1521
- Ko, J.M. and Y.C. Kim, Soft implicative L-fuzzy interior and closure operators (1) 257–270
- Koh, H. and D. Kang, On the fuzzy stability problem of generalized cubic mappings (3) 2477–2484
- Kologani, M.A., see Alavi, S.Z. (3) 1997–2007
- Kologani, M.A., see Namdar, A. (3) 1805–1813
- Kong, B., see Wang, B. (5) 3775–3784
- Kong, Q. and Z. Wei, Further study of multi-granulation fuzzy rough sets (3) 2413–2424
- Kopel, M., see Siemiński, A. (2) 1377–1388
- Koszalka, L., see Hudziak, M. (2) 1561–1573
- Kotsiantis, S., see Fazakis, N. (1) 711–722
- Kousalya, G., see Dhanya, N.M. (4) 3081–3089
- Kozierkiewicz-Hetmańska, A. and M. Pietranik, The knowledge increase estimation framework for ontology integration on the concept level (2) 1161–1172
- Krejcar, O., see Blazek, P. (2) 1497–1508
- Krejcar, O., see Salehi, S. (2) 1355–1363
- Krejcar, O., see Sobeslav, V. (2) 1475–1484
- Król, D. and F. Nowakowski, Development of a real-time multi-agent system: A practical study on ensuring timing correctness (2) 1461–1473
- Ksieniewicz, P., M. Graña and M. Woźniak, Paired feature multilayer ensemble – concept and evaluation of a classifier (2) 1427–1436
- Ku, C.-C., see Qiao, H.-Y. (6) 4285–4297
- Kuca, K., see Blazek, P. (2) 1497–1508
- Kuca, K., see Salehi, S. (2) 1355–1363
- Kumar, A., see Pratap, S. (5) 3525–3537
- Kumar, A., see Singh, S.P. (5) 3245–3257
- Kumar, M., J. Meena, S. Tiwari and M. Vardhan, Privacy preserving, verifiable and efficient outsourcing algorithm for regression analysis to a malicious cloud (5) 3413–3427
- Kumar, P., see Punhani, A. (5) 3285–3295
- Kumar, T. and D.S. Kushwaha, Traffic surveillance and speed limit violation detection system (5) 3761–3773
- Kuo, R.J., L. Lin, F.E. Zulvia and C.C. Lin, Integration of cluster analysis and granular computing for

- imbalanced data classification: A case study on prostate cancer prognosis in Taiwan (3) 2251–2267
- Kushwaha, D.S., see Kumar, T. (5) 3761–3773
- Kustiawan, I. and K.-H. Chi, An intelligent handoff strategy in heterogeneous wireless networks (5) 3313–3324
- Lakshmi, D.R., see Chandanapalli, S.B. (3) 1821–1832
- Lam, H.K., see Liu, Y. (3) 2579–2589
- Lam, H.-K., see Xia, H. (6) 4227–4233
- Laskar, R.H., see Devi, S.S. (4) 2847–2856
- Lei, L. and D. Ming, Research of direction-of-arrival estimation in fewer snapshots based on niche artificial bee colony algorithm (5) 3475–3485
- Lei, Y.-M., see Li, C.-F. (5) 3729–3737
- Leiva, L.A. and V. Alabau, Polyglot machine translation (1) 613–627
- Leon, F. and S. Curteanu, Large margin nearest neighbour regression using different optimization techniques (2) 1321–1332
- Leoreanu-Fotea, V., see Abbasizadeh, N. (1) 1101–1110
- Lewandowski, J., see Lin, S.-Y. (2) 1413–1426
- Lewandowski, J., see Tian, F. (2) 1389–1400
- Li, B., see Yan, D. (3) 2315–2325
- Li, C., C. Yang and Q. Jiang, The research on text clustering based on LDA joint model (5) 3655–3667
- Li, C., G. Zhang, J. Yi, F. Shang and J. Gao, A fast learning method for data-driven design of interval type-2 fuzzy logic system (3) 2705–2715
- Li, C., see Feng, Y. (6) 4197–4204
- Li, C., see Lu, L. (5) 3633–3640
- Li, C.-F., L. Liu, Y.-M. Lei, J.-Y. Yin, J.-j. Zhao and X.-K. Sun, Clustering for HSI hyperspectral image with weighted PCA and ICA (5) 3729–3737
- Li, D., see Li, W. (1) 807–816
- Li, D.-F., see Yu, G.-F. (1) 1019–1028
- Li, E.-Q., see Wu, X.-Y. (6) 4273–4284
- Li, H.-J. and J. Xiang, Explore of the fuzzy community structure integrating the directed line graph and likelihood optimization (6) 4503–4511
- Li, H.X., see Li, S.Y. (6) 4343–4355
- Li, J. and W. Zeng, Fuzzy risk analysis based on the similarity measure of generalized trapezoidal fuzzy numbers (3) 1673–1683
- Li, J., see Chen, W. (6) 4419–4429
- Li, J., see Liu, K. (5) 3387–3400
- Li, J., see Zhao, T. (3) 2207–2219
- Li, L., see Tian, F. (2) 1389–1400
- Li, L., see Xia, H. (6) 4227–4233
- Li, L., see Zhou, S. (1) 543–549
- Li, M., see Guan, X. (3) 2281–2294
- Li, P., see Xu, C. (3) 2603–2615
- Li, Q., see Gao, N. (1) 737–748
- Li, Q., see Huang, X. (3) 1735–1744
- Li, Q., see Wang, P. (1) 279–289
- Li, Q., see Yu, B. (6) 3867–3878
- Li, R., see Liu, H. (1) 509–519
- Li, S.Y. and H.X. Li, An approximation method of intuitionistic fuzzy numbers (6) 4343–4355
- Li, W., J. Qi, Z. Yu and D. Li, A social recommendation method based on trust propagation and singular value decomposition (1) 807–816
- Li, W., see He, J. (5) 3355–3364
- Li, W., see Liu, H. (1) 509–519
- Li, X., see Wang, G. (6) 4213–4225
- Li, X., Z. Zhong, Y. Zhang and Y. Wang, Uncertain mean-variance model for project portfolio selection problem with divisibility (6) 4513–4522
- Li, X.-W., see Zhang, L.-Y. (3) 1983–1995
- Li, Y., see He, X. (3) 2733–2745
- Li, Y.-l., see Sun, Q. (1) 215–227
- Li, Z., see Zhou, S. (3) 2537–2548
- Liang, B., S. Zheng and L. Wang, The attribute reduction algorithm based on parallel computing (3) 1867–1875
- Liang, C., see Liu, Y. (1) 63–74
- Lianqiang, N., C. Xin, P. Min and Z. Gang, Connected components labeling based on union-find operations applied to connected branches (5) 3739–3748
- Liao, W., M. Chen and X. Yang, Joint optimization of preventive maintenance and production scheduling for parallel machines system (1) 913–923
- Lim, C.-C., see Han, Y. (6) 4299–4309
- Lin, C.C., see Kuo, R.J. (3) 2251–2267
- Lin, L., see Kuo, R.J. (3) 2251–2267
- Lin, S.-Y., Y.-C. Chiu, J. Lewandowski and K.-M. Chao, Parallel dynamic data-driven model for concept drift detection and prediction (2) 1413–1426
- Lin, Y., Y.-M. Wang and S.-Q. Chen, Multistage decision making based on prioritization of hesitant multiplicative preference relations (1) 691–701
- Linqin, C., C. Shuangjie, X. Min, Y. Jimin and Z. Jianrong, Dynamic hand gesture recognition using RGB-D data for natural human-computer interaction (5) 3495–3507
- Liu, B., see Zhang, Y. (3) 2365–2373
- Liu, C., see Peng, X. (1) 955–968
- Liu, C., see Zhao, T. (3) 2111–2122
- Liu, C., see Zhao, T. (3) 2207–2219
- Liu, C., W. Pedrycz and M. Wang, Covering-based multigranulation decision-theoretic rough sets (1) 749–765
- Liu, D., see Liu, S. (3) 1855–1865

- Liu, H., W. Li and R. Li, A comparative analysis of granular computing clustering from the view of set (1) 509–519
- Liu, H.-W., see Zhan, H. (3) 1877–1889
- Liu, J., see Dai, J. (1) 703–710
- Liu, K., J. Li and H.Z. Chris, Bi-level optimization with hybrid algorithms for energy saving and CO₂ emissions reduction by wireless sensor networks for transportation management (5) 3387–3400
- Liu, L., see Li, C.-F. (5) 3729–3737
- Liu, L., see Song, X. (3) 1903–1915
- Liu, P. and F. Teng, Multiple attribute group decision making methods based on some normal neutrosophic number Heronian mean operators (3) 2375–2391
- Liu, P. and L. Zhang, An extended multiple criteria decision making method based on neutrosophic hesitant fuzzy information (6) 4403–4413
- Liu, P. and L. Zhang, Multiple criteria decision making method based on neutrosophic hesitant fuzzy Heronian mean aggregation operators (1) 303–319
- Liu, P. and X. Qin, Power average operators of linguistic intuitionistic fuzzy numbers and their application to multiple-attribute decision making (1) 1029–1043
- Liu, P., see Liu, Z. (3) 2779–2790
- Liu, P., see Şahin, R. (3) 2083–2099
- Liu, S., X. Liu and D. Liu, A prospect theory based MADM method for solar water heater selection problems (3) 1855–1865
- Liu, W., see Liu, Z. (3) 2779–2790
- Liu, X., see Chu, J. (3) 2563–2578
- Liu, X., see Liu, S. (3) 1855–1865
- Liu, X., see Yang, H. (6) 3973–3985
- Liu, Y., J. Wu and C. Liang, Some Einstein aggregating operators for trapezoidal intuitionistic fuzzy MAGDM and application in investment evolution (1) 63–74
- Liu, Y., see Wang, X. (6) 4235–4246
- Liu, Y., X. Ban, F. Wu and H.K. Lam, Gain-scheduling control of T-S fuzzy systems with actuator saturation (3) 2579–2589
- Liu, Z. and Y. She, Uncertainty measure in rough logic: A probabilistic approach (1) 945–953
- Liu, Z., P. Liu, W. Liu and J. Pang, Pythagorean uncertain linguistic partitioned Bonferroni mean operators and their application in multi-attribute decision making (3) 2779–2790
- Liu, Z., see Qin, K. (1) 831–839
- Liu, Z., see Zhou, G. (5) 3785–3796
- Liu, Z.Q., see Ma, Z.M. (1) 681–690
- Londhe, P.S., B.M. Patre, L.M. Waghmare and M. Santhakumar, Robust proportional derivative (PD)-like fuzzy control designs for diving and steering planes control of an autonomous underwater vehicle (3) 2509–2522
- Lu, L., C. Li and Y. Yang, Research on comprehensive virtualization performance evaluation method (5) 3633–3640
- Lu, L., see He, L. (5) 3609–3617
- Lu, Y., see Zhao, T. (3) 2111–2122
- Luo, S., J.-H. Xu and S.-Y. Zhang, Decompose image into meaningful regions based on contour detector and watershed algorithm (6) 4259–4271
- Luo, Y., see Jiang, W. (3) 1931–1943
- Luo, Y.-P., see Xiao, M.-M. (5) 3585–3594
- Lv, W. and M. Guo, Research on the financial risk evaluation of listed companies with intuitionistic fuzzy information (6) 4379–4387
- Ma, C., see Zhang, Z. (5) 3749–3760
- Ma, G., see Xia, H. (6) 4227–4233
- Ma, L., see Ke, X. (6) 3879–3891
- Ma, T., F. Wang, J. Wang, Y. Yao and X. Chen, A combined model based on seasonal autoregressive integrated moving average and modified particle swarm optimization algorithm for electrical load forecasting (5) 3447–3459
- Ma, W., see Sun, B. (3) 1719–1734
- Ma, X., J. Zhan and M.I. Ali, Applications of a kind of novel Z-soft fuzzy rough ideals to hemirings (3) 2071–2082
- Ma, X., see Zhao, J. (3) 2351–2363
- Ma, Z.M., W. Yang and Z.Q. Liu, Several types of filters related to the Stonean axiom in residuated lattices (1) 681–690
- Madeyski, L. and B. Kitchenham, Would wider adoption of reproducible research be beneficial for empirical software engineering research? (2) 1509–1521
- Madeyski, L., see Nguyen, Q.V. (2) 1173–1182
- Madhan, C., see Abhishek, S.N. (4) 3221–3228
- Mahanta, J. and P.K. Das, Fuzzy soft topological spaces (1) 443–450
- Maiti, M., see Roul, J.N. (1) 565–577
- Maity, G., see Roy, S.K. (3) 1697–1709
- Maity, K., see Roul, J.N. (1) 565–577
- Majumder, S., see Kar, M.B. (6) 4467–4483
- Makui, A., P. Moeinzadeh and M. Bagherpour, Developing a fuzzy inference approach to evaluate the static complexity of construction projects (3) 2233–2249
- Maleszka, B., A method for determining ontology-based user profile in document retrieval system (2) 1253–1263

- Maleszka, M., Observing collective knowledge state during integration (2) 1241–1252
- Malik, H. and R. Sharma, EMD and ANN based intelligent fault diagnosis model for transmission line (4) 3043–3050
- Malik, M.A., see Naz, S. (3) 2137–2151
- Mandal, P. and A.S. Ranadive, On the structure of fuzzy variable precision rough sets based on generalized residuated lattices (1) 483–497
- Mandal, U.K., see Bhattacharjee, P. (1) 871–876
- Mane, V.M., D.V. Jadhav and S.D. Shirbahadurkar, Hybrid classifier and region-dependent integrated features for detection of diabetic retinopathy (4) 2837–2845
- Manocha, A.K., see Bhullar, R.K. (4) 3129–3142
- Mao, L., see Zhou, G. (5) 3785–3796
- Mashinchi, M., see Parchami, A. (3) 1649–1658
- Mathaba, S., M. Adigun, J. Oladosu and O. Oki, On the use of the Internet of Things and Web 2.0 in inventory management (4) 3091–3101
- Meena, J., see Kumar, M. (5) 3413–3427
- Mehlawat, M.K., see Gupta, P. (6) 4431–4441
- Mehrakash, M., see Ghannadi, S. (3) 2123–2135
- Menéndez, H.D., see Rodríguez-Fernández, V. (2) 1307–1319
- Meng, D., see He, X. (3) 2733–2745
- Meng, F., see Xu, C. (3) 2195–2206
- Menon, R.R.K., D. Joseph and M.R. Kaimal, Semantics-based topic inter-relationship extraction (4) 2941–2951
- Merayo, M.G., see Camacho, A. (2) 1485–1496
- Merayo, M.G., see Cañizares, P.C. (2) 1343–1354
- Merigó, J.M., see Blanco-Mesa, F. (3) 2033–2050
- Merigó, J.M., see Zeng, S. (1) 11–22
- Milacic, M., A.P. James and S. Dimitrijev, Recognizing isolated words with minimum distance similarity metric padding (4) 2933–2939
- Min, P., see Lianqiang, N. (5) 3739–3748
- Min, X., see Linqin, C. (5) 3495–3507
- Ming, D., see Lei, L. (5) 3475–3485
- Mirdar Harijani, K. and S.M. Anvariye, Fuzzy absolute value on a ring (1) 435–441
- Miri, M., see Bagheri, M. (6) 4173–4182
- Miri-Nargesi, S., see Nazari-Shirkouhi, S. (6) 3921–3944
- Mirsalim, M., see Baghaee, H.R. (3) 1753–1773
- Mishra, K., R. Saharan and B. Rathor, A new cryptographic method for image encryption (4) 2885–2892
- Mishra, K.K., A. Tripathi, S. Tiwari and N. Saxena, Evolution based memetic algorithm and its application in software cost estimation (3) 2485–2498
- Mishra, K.K., Recent advancements in computer, communication and computational sciences (5) 3229
- Mishra, P., E.S. Pilli, V. Varadharajan and U. Tupakula, PSI-NetVisor: Program semantic aware intrusion detection at network and hypervisor layer in cloud (4) 2909–2921
- Mishra, S., see Trivedi, M.C. (5) 3365–3375
- Mittal, A.P., see Agarwal, S. (4) 2857–2862
- Mittal, N., see Sharma, L.K. (4) 2923–2932
- Mittal, N., see Vidyarthi, A. (4) 2807–2818
- Mlakar, U., M. Zorman, I. Fister Jr. and I. Fister, Modified binary cuckoo search for association rule mining (6) 4319–4330
- Modhej, D., M. Sanei, N. Shoja and F. Hosseinzadeh Lotfi, Integrating inverse data envelopment analysis and neural network to preserve relative efficiency values (6) 4047–4058
- Moeinzadeh, P., see Makui, A. (3) 2233–2249
- Mohagheghi, V., S.M. Mousavi, B. Vahdani and A. Siadat, A mathematical modeling approach for high and new technology-project portfolio selection under uncertain environments (6) 4069–4079
- Mohammadi, M., see Ghannadi, S. (3) 2123–2135
- Mohammad-Khanli, L., see Amiri, M. (1) 229–240
- Mohan, V., A. Rani and V. Singh, Robust adaptive fuzzy controller applied to double inverted pendulum (5) 3669–3687
- Mohiuddine, S.A., B. Hazarika and A. Alotaibi, On statistical convergence of double sequences of fuzzy valued functions (6) 4331–4342
- Mohsenzadeh, M., see Shirgahi, H. (1) 589–611
- Molai, A.A., see Aliannezhadi, S. (1) 337–350
- Moodi, F., see Champiri, M.D. (3) 1945–1958
- Moradi, N., S.M. Mousavi and B. Vahdani, An earned value model with risk analysis for project management under uncertain conditions (1) 97–113
- Mousavi, S.M. and B. Vahdani, A robust approach to multiple vehicle location-routing problems with time windows for optimization of cross-docking under uncertainty (1) 49–62
- Mousavi, S.M., see Ebrahimnejad, S. (6) 4081–4094
- Mousavi, S.M., see Mohagheghi, V. (6) 4069–4079
- Mousavi, S.M., see Moradi, N. (1) 97–113
- Mousavizadegan, S.H., see Champiri, M.D. (3) 1945–1958
- Movahedinia, N., see Kianian S. (6) 3987–3998
- Mudali, P., see Oki, O.A. (4) 3103–3110

- Muhiuddin, G., H.S. Kim, S.Z. Song and Y.B. Jun, Hesitant fuzzy translations and extensions of subalgebras and ideals in BCK/BCI-algebras (1) 43–48
- Naeini, M.A., see Ebrahimnejad, S. (6) 4081–4094
- Nair, J.J. and S. Thomas, Improvised Apriori with frequent subgraph tree for extracting frequent subgraphs (4) 3209–3219
- Nair, M.S., see Sreedhanya, L.R. (4) 3059–3067
- Nalepa, J. and M. Blocho, Adaptive guided ejection search for pickup and delivery with time windows (2) 1547–1559
- Namdar, A., R.A. Borzooei, A.B. Saeid and M.A. Kologani, Some results in hoop algebras (3) 1805–1813
- Nan, J., see Shi, Y. (5) 3487–3494
- Nangrani, S.P. and S.S. Bhat, Instability, chaos and bifurcation control in nonlinear dynamical system behavior using perturb-boost fuzzy logic controller (4) 3017–3029
- Narote, A.S., see Patil, S.B. (4) 2829–2836
- Narote, S.P., see Patil, S.B. (4) 2829–2836
- Nasipuri, M., see Sarkhel, R. (4) 3189–3199
- Navarro, P.L.M., D.S. Ruiz and G.M. Pérez, OHT: Open and cross-platform GUI testing (5) 3231–3243
- Naz, S. and M. Shabir, Regular and intra-regular semihypergroups in terms of soft union hyperideals (6) 4119–4134
- Naz, S., H. Rashmanlou and M.A. Malik, Operations on single valued neutrosophic graphs with application (3) 2137–2151
- Nazari-Shirkouhi, S., S. Miri-Nargesi and A. Ansarinejad, A fuzzy decision making methodology based on fuzzy AHP and fuzzy TOPSIS with a case study for information systems outsourcing decisions (6) 3921–3944
- Nguyen, D.A., see Duong, T.H. (2) 1627–1638
- Nguyen, L.A., T.H.K. Nguyen, N.-T. Nguyen and Q.-T. Ha, Bisimilarity for paraconsistent description logics (2) 1203–1215
- Nguyen, L.T.T., T. Trinh, N.-T. Nguyen and B. Vo, A method for mining top-rank-k frequent closed itemsets (2) 1297–1305
- Nguyen, N.-T., M. Núñez and B. Trawiński, Collective intelligent information and database systems (2) 1157–1160
- Nguyen, N.-T., see Nguyen, L.A. (2) 1203–1215
- Nguyen, N.-T., see Nguyen, L.T.T. (2) 1297–1305
- Nguyen, N.T., see Tran, V.C. (2) 1277–1287
- Nguyen, N.T., V.D. Nguyen and D. Hwang, An influence analysis of the number of members on the quality of knowledge in a collective (2) 1217–1228
- Nguyen, Q.V. and L. Madeyski, Addressing mutation testing problems by applying multi-objective optimization algorithms and higher order mutation (2) 1173–1182
- Nguyen, T.H.K., see Nguyen, L.A. (2) 1203–1215
- Nguyen, T.T., D. Hwang and J.J. Jung, Handling imbalanced classification problem: A case study on social media datasets (2) 1437–1448
- Nguyen, V.D., see Nguyen, N.T. (2) 1217–1228
- Ni, Y., see Yang, X. (3) 2051–2059
- Niewiadomski, A., see Strobin, L. (2) 1193–1202
- Nikiforov, I., see Zhang, J. (5) 3595–3608
- Ning, Y., see Wang, X. (3) 2655–2664
- Nitin, see Punhani, A. (5) 3285–3295
- Niu, J., J. Chen and Y. Xu, Twin support vector regression with Huber loss (6) 4247–4258
- Norouzi, M. and I. Cristea, A new type of fuzzy subsemihypermodules (3) 1711–1717
- Nowakowski, F., see Król, D. (2) 1461–1473
- Núñez, M., see Camacho, A. (2) 1485–1496
- Núñez, M., see Nguyen, N.-T. (2) 1157–1160
- Núñez-Letamendía, L., see Contreras, I. (3) 2461–2475
- Oki, O., see Mathaba, S. (4) 3091–3101
- Oki, O.A., T.O. Olwal, P. Mudali and M. Adigun, Dynamic spectrum reconfiguration for distributed cognitive radio networks (4) 3103–3110
- Oladosu, J., see Mathaba, S. (4) 3091–3101
- Olwal, T.O., see Oki, O.A. (4) 3103–3110
- Onar, S.C., see Kahraman, C. (3) 1659–1671
- Oumhani, A., see Amroune, A. (1) 35–42
- Oztaysi, B., see Kahraman, C. (3) 1659–1671
- Pal, M., see Sahoo, S. (1) 1059–1067
- Pal, S., see Ashok, A. (4) 2901–2907
- Pal, T., see Kar, M.B. (6) 4467–4483
- Palacios-Marqués, D., see Zeng, S. (1) 11–22
- Pandey, R.C., S.K. Singh and K.K. Shukla, A passive forensic method for video: Exposing dynamic object removal and frame duplication in the digital video using sensor noise features (5) 3339–3353
- Pandya, A.S., see Raval, P.D. (4) 3051–3058
- Pang, J., see Liu, Z. (3) 2779–2790
- Pang, Y., see Yang, W. (1) 767–780
- Panigrahi, B.K., see Gupta, T. (5) 3575–3583
- Parchami, A., B.S. Gildeh, S.M. Taheri and M. Mashinchi, A general p-value-based approach for

- testing quality by considering fuzzy hypotheses (3) 1649–1658
- Parchami, A., see Kahraman, C. (3) 1659–1671
- Paripour, M. and M.K. Yari, Existence and uniqueness of solutions for Fuzzy quadratic integral equation of fractional order (3) 2327–2338
- Patil, S.B., A.S. Narote and S.P. Narote, Efficient retinal vessel detection using line detectors with morphological operations (4) 2829–2836
- Patre, B.M., see Londhe, P.S. (3) 2509–2522
- Paul, A., B. Bhattacharya and J. Chakraborty, γ -Hyperconnectedness and fuzzy mappings in fuzzy bitopological spaces (3) 1815–1820
- Paul, V., see Sarika, S. (5) 3273–3284
- Pawar, L., see Bhullar, R.K. (4) 3129–3142
- Pedrycz, W., see Liu, C. (1) 749–765
- Peng, B., J. Zhou and D. Peng, Cloud model based approach to group decision making with uncertain pure linguistic information (3) 1959–1968
- Peng, D., see Peng, B. (3) 1959–1968
- Peng, X. and C. Liu, Algorithms for neutrosophic soft decision making based on EDAS, new similarity measure and level soft set (1) 955–968
- Peng, Y.-F., see Chiu, C.-H. (6) 3809–3820
- Pereira-Fariña, M., see Rubio-Manzano, C. (3) 2425–2436
- Petr, L., see Horálek, J. (2) 1523–1534
- Pi, J., see Hu, K. (3) 1775–1786
- Pietranik, M., see Kozierkiewicz-Hetmańska, A. (2) 1161–1172
- Pilli, E.S., see Mishra, P. (4) 2909–2921
- Piryani, R., V. Gupta and V.K. Singh, Movie Prism: A novel system for aspect level sentiment profiling of movies (5) 3297–3311
- Plata, D.R., R. Ramos-Pollán and F.A. González, Effective training of convolutional neural networks with small, specialized datasets (2) 1333–1342
- Poornachandran, P., see Ashok, A. (4) 2901–2907
- Popescu, C., see Bica, A.M. (3) 1639–1648
- Pozniak-Koszalka, I., see Hudziak, M. (2) 1561–1573
- Pratap, S. Singh and A. Kumar, Homeostasis mutation based differential evolution algorithm (5) 3525–3537
- Punhani, A., P. Kumar and Nitin, Optimal extra links placement in mesh interconnection network using improved environmental adaptation method (5) 3285–3295
- Punitha, S., S. Ravi, M. Anousouya Devi and J. Vaishnavi, Particle swarm optimized computer aided diagnosis system for classification of breast masses (4) 2819–2828
- Qi, J., see Li, W. (1) 807–816
- Qian, L., see Guan, X. (3) 2281–2294
- Qian, P., see Chen, A. (3) 1833–1845
- Qiao, H.-Y., W.-J. Chang and C.-C. Ku, Robust sliding mode fuzzy control for perturbed nonlinear stochastic systems subject to input and state requirements (6) 4285–4297
- Qin, K., J. Yang and Z. Liu, A fuzzy soft set based approximate reasoning method (1) 831–839
- Qin, K., see He, X. (3) 2733–2745
- Qin, X., see Liu, P. (1) 1029–1043
- Qin, Z., Y. Dai and H. Zheng, Uncertain random portfolio optimization models based on value-at-risk (6) 4523–4531
- Qiu, D. and Y. Xing, On relationships among different types of solutions of fuzzy optimization problems (1) 889–897
- Qiu, J.-M., see Yu, G.-F. (1) 1019–1028
- Qiu, T., see Chen, X. (4) 3069–3080
- Qu, F., see Sang, H. (5) 3377–3385
- Qu, X.-b., see Sun, F. (3) 1969–1981
- Quan, Q., see Zhao, Z. (1) 643–660
- Rabbani, M., see Kazemi, S.M. (1) 467–481
- Rahideh, A., see Hemmati, R. (1) 351–362
- Raj, R. and K.S. Sivanandan, Comparative study on estimation of elbow kinematics based on EMG time domain parameters using neural network and ANFIS NARX model (1) 791–805
- Rajarajeswari, PL. and N.K. Karthikeyan, Hypergeometric energy factor based semi-Markov prediction mechanism for effective cluster head election in WSNs (4) 3111–3120
- Rajkumar, N., see Anuradha, R. (3) 2269–2280
- Ralescu, D.A., see Wang, K. (1) 451–466
- Ramkumar, N., P.V. Rangan, U. Gopalakrishnan and B. Hariharan, Gesture triggered, dynamic gaze alignment architecture for intelligent eLearning systems (4) 2963–2969
- Ramli, R., see Ghafour, K. (6) 4059–4068
- Ramos-Pollán, R., see Plata, D.R. (2) 1333–1342
- Ranadive, A.S., see Mandal, P. (1) 483–497
- Rangan, P.V., see Ramkumar, N. (4) 2963–2969
- Rani, A., see Agarwal, S. (4) 2857–2862
- Rani, A., see Mohan, V. (5) 3669–3687
- Rao, A., see Sreedasyam, R. (4) 2971–2976
- Rao, C., X. Xiao, M. Xie, M. Goh and J. Zheng, Low carbon supplier selection under multi-source and multi-attribute procurement (6) 4009–4022
- Raoofat, M., see Ghannadi, S. (3) 2123–2135

- Rashid, M., A. Shahzad and A. Azam, Fixed point theorems for L-fuzzy mappings in quasi-pseudo metric spaces (1) 499–507
- Rashid, T., see Faizi, S. (3) 2153–2164
- Rashidi, F., Adaptive neurofuzzy control of engine idle speed (1) 817–829
- Rashmanlou, H., see Naz, S. (3) 2137–2151
- Rathor, B., see Mishra, K. (4) 2885–2892
- Raval, P.D. and A.S. Pandya, A hybrid Wavelet-ANN protection scheme for series compensated EHV transmission line (4) 3051–3058
- Ravi, S., see Punitha, S. (4) 2819–2828
- Reddy, E.S., see Chandanapalli, S.B. (3) 1821–1832
- Ren, J.-D., see Zhang, L.-Y. (3) 1983–1995
- Rikhtegar, N., R. Javidan and M. Keshtgari, Mobility management in wireless nano-sensor networks using fuzzy logic (1) 969–978
- Rocha Filho, O.D. and G.L. Serra de Oliveira, Evolving Neuro–Fuzzy network modeling approach based on recursive fuzzy instrumental variable (6) 4159–4172
- Rodríguez-Fernández, V., H.D. Menéndez and D. Camacho, A study on performance metrics and clustering methods for analyzing behavior in UAV operations (2) 1307–1319
- Roul, J.N., K. Maity, S. Kar and M. Maiti, Optimal control problem for an imperfect production process using fuzzy variational principle (1) 565–577
- Roy, S.K. and G. Maity, Minimizing cost and time through single objective function in multi-choice interval valued transportation problem (3) 1697–1709
- Rubio-Manzano, C. and M. Pereira-Fariña, Towards fuzzy lexical reasoning (3) 2425–2436
- Şubaş, Y., see Deli, I. (1) 291–301
- Saba, T., see Siddiqi, A. (5) 3259–3271
- Sabbah, T., see Salehi, S. (2) 1355–1363
- Sachdeva, B., see Kaur, A. (4) 3159–3166
- Sachidanandan, N., see Sreedasyam, R. (4) 2971–2976
- Saeid, A.B., see Namdar, A. (3) 1805–1813
- Saeid, A.B., see Yousafzai, F. (3) 1917–1930
- Saharan, R., see Mishra, K. (4) 2885–2892
- Şahin, R. and P. Liu, Some approaches to multi criteria decision making based on exponential operations of simplified neutrosophic numbers (3) 2083–2099
- Sahoo, S. and M. Pal, Product of intuitionistic fuzzy graphs and degree (1) 1059–1067
- Sajjadi, S., see Champiri, M.D. (3) 1945–1958
- Salehi, S., A. Selamat, K. Kuca, O. Krejcar and T. Sabbah, Fuzzy granular classifier approach for spam detection (2) 1355–1363
- Samayan, N. and M. Sengottaiyan, Fuzzy critical path method based on ranking methods using hexagonal fuzzy numbers for decision making (1) 157–164
- Sampath, N., see Sreedasyam, R. (4) 2971–2976
- Samuel, A. and D.K. Sharma, A spatial, temporal and sentiment based framework for indexing and clustering in twitter blogosphere (5) 3619–3632
- Sanei, M., see Modhej, D. (6) 4047–4058
- Sang, H., Z. Zhou, F. Qu and Q. Ke, An effective face recognition algorithm based on parallel local phase quantization and matching degree (5) 3377–3385
- Sanin, C., I. Shafiq, M.M. Waris, C. Toro and E. Szczerbicki, Manufacturing collective intelligence by the means of Decisional DNA and virtual engineering objects, process and factory (2) 1585–1599
- Sanin, C., see Zhang, H. (2) 1575–1584
- Sankar, P., see Ashok, A. (4) 2901–2907
- Santhakumar, M., see Londhe, P.S. (3) 2509–2522
- Sarika, S. and V. Paul, Parallel phishing attack recognition using software agents (5) 3273–3284
- Sarkhel, R., T.M. Chowdhury, M. Das, N. Das and M. Nasipuri, A novel Harmony Search algorithm embedded with metaheuristic Opposition Based Learning (4) 3189–3199
- Sarwar, M., see Akram, M.
- Savaş, E., On \mathcal{I} -lacunary statistical convergence of weight g of fuzzy numbers (1) 1111–1117
- Saxena, N., see Mishra, K.K. (3) 2485–2498
- Sayed, O.R. and Y.C. Kim, Local β compactness as fuzzy predicates defined in Łukasiewicz logic (1) 165–176
- Sehgal, P. and N. Goel, Non-destructive low-cost approach for fuzzy classification of tomato images based on firmness prediciton using regression (5) 3641–3653
- Selamat, A., see Salehi, S. (2) 1355–1363
- Selwal, A., S.K. Gupta and Surender, Low overhead octet indexed template security scheme for multi-modal biometric system (5) 3325–3337
- Sengottaiyan, M., see Samayan, N. (1) 157–164
- Senthil Kumar, A., see Sivarajanji, P. (1) 661–669
- Serra de Oliveira, G.L., see Rocha Filho, O.D. (6) 4159–4172
- Serra, G.L.O., see Costa, E.B.M. (3) 1787–1804
- Sgarbas, K., see Fazakis, N. (1) 711–722
- Shabakhty, N., see Bagheri, M. (6) 4173–4182

- Shabir, M., see Naz, S. (6) 4119–4134
- Shafiq, I., see Sanin, C. (2) 1585–1599
- Shahreza, F.A., see Kazemi, S.M. (1) 467–481
- Shahzad, A., see Rashid, M. (1) 499–507
- Shahzadi, S., see Akram, M. (1) 841–858
- Shang, F., see Li, C. (3) 2705–2715
- Shao, X., see Guo, J. (3) 2017–2032
- Sharma, C. and P. Bedi, CCFRS – Community based Collaborative Filtering Recommender System (4) 2987–2995
- Sharma, D.K., see Samuel, A. (5) 3619–3632
- Sharma, J.B., see Kalra, B. (4) 3121–3128
- Sharma, L.K. and N. Mittal, Prominent feature extraction for evidence gathering in question answering (4) 2923–2932
- Sharma, M., see Devi, S.S. (4) 2847–2856
- Sharma, R., see Malik, H. (4) 3043–3050
- She, Y., see Liu, Z. (1) 945–953
- Sheik Mohammed, S., D. Devaraj and T.P. Imthias Ahamed, Learning Automata based fuzzy MPPT controller for solar photovoltaic system under fast changing environmental conditions (4) 3031–3041
- Shen, C. and W. Yao, Categorical dualities between certain kinds of fuzzy posets (1) 127–136
- Shen, J. and Y. Zhu, Uncertain flexible flow shop scheduling problem subject to breakdowns (1) 207–214
- Shen, P., see Wang, Y. (6) 3797–3807
- Shen, S., see Hu, K. (3) 1775–1786
- Shen, Y., W. Chen and J. Wang, Fuzzy Laplace transform method for the Ulam stability of linear fuzzy differential equations of first order with constant coefficients (1) 671–680
- Sheng, Y., G. Shi and Q. Cui, Almost sure stability for multifactor uncertain differential equation (3) 2187–2194
- Shi, G., see Sheng, Y. (3) 2187–2194
- Shi, J., see Yang, W. (1) 767–780
- Shi, L., J. Hao and X. Zhang, Image recognition method based on supervised multi-manifold learning (3) 2221–2232
- Shi, S.-X., Performance evaluation of urban ecological environment construction with interval-valued intuitionistic fuzzy information (1) 1119–1127
- Shi, Y. and J. Nan, Improved FCM algorithm based on initial center optimization method (5) 3487–3494
- Shirbahadurkar, S.D., see Mane, V.M. (4) 2837–2845
- Shirgahi, H., M. Mohsenzadeh and H.H.S. Javadi, A three level fuzzy system for evaluating the trust of single web services (1) 589–611
- Shoja, N., see Modhej, D. (6) 4047–4058
- Shouraki, S.B., see Javadian, M. (3) 2393–2411
- Shu, W., see Zhou, G. (5) 3785–3796
- Shuangjie, C., see Linqin, C. (5) 3495–3507
- Shukla, K.K., see Pandey, R.C. (5) 3339–3353
- Siadat, A., see Mohagheghi, V. (6) 4069–4079
- Siddiqua, A., A. Karim, T. Saba and V. Chang, On the analysis of big data indexing execution strategies (5) 3259–3271
- Siddique, B., see Akhtar, N. (4) 2953–2961
- Siemiński, A. and M. Kopel, Comparing efficiency of ACO parallel implementations (2) 1377–1388
- Simab, A., see Simab, M. (6) 3859–3866
- Simab, M., S. Chatrsimab, S. Yazdi and A. Simab, A new method for power system contingency ranking using combination of neural network and data envelopment analysis (6) 3859–3866
- Singh, H., M. Kaur and P. Kaur, Web page recommendation system based on partially ordered sequential rules (4) 3009–3015
- Singh, P., see Arya, R. (1) 421–433
- Singh, S., see Arora, S. (1) 1079–1088
- Singh, S.K., see Pandey, R.C. (5) 3339–3353
- Singh, S.P. and A. Kumar, Pareto based differential evolution with homeostasis based mutation (5) 3245–3257
- Singh, see Pratap, S. (5) 3525–3537
- Singh, V., see Agarwal, S. (4) 2857–2862
- Singh, V., see Mohan, V. (5) 3669–3687
- Singh, V.K., see Piryani, R. (5) 3297–3311
- Singh, V.P. and D. Chakraborty, Solving bi-level programming problem with fuzzy random variable coefficients (1) 521–528
- Singha, J., see Devi, S.S. (4) 2847–2856
- Siolas, G., see Vathi, E. (2) 1265–1275
- Sivanandan, K.S., see Raj, R. (1) 791–805
- Sivarajanji, P. and A. Senthil Kumar, Hybrid Particle Swarm Optimization-Firefly algorithm (HPSOFF) for combinatorial optimization of non-slicing VLSI floorplanning (1) 661–669
- Sobeslav, V., L. Balík, O. Hornig, J. Horálek and O. Krejcar, Endpoint firewall for local security hardening in academic research environment (2) 1475–1484
- Sobeslav, V., see Horálek, J. (2) 1523–1534
- Soman, K.P., see Vishnu Pradeep, V. (4) 3151–3158
- Song, A., The Ulam stability of matrix intuitionistic fuzzy normed spaces (1) 629–641
- Song, H., see Wu, C. (6) 3909–3920
- Song, S., see Song, X. (3) 1903–1915

- Song, S.-Z., H. Bordbar and Y.B. Jun, A new type of hesitant fuzzy subalgebras and ideals in BCK/BCI-algebras (3) 2009–2016
- Song, S.Z., see Muhiuddin, G. (1) 43–48
- Song, X., Q. Zhang, W. Sun and W. Wei, Energy-efficient data gathering protocol in unequal clustered WSN utilizing fuzzy multiple criteria decision making (5) 3461–3473
- Song, X., S. Song, L. Liu and I.T. Balsera, Adaptive interval type-2 fuzzy sliding mode control for fractional-order systems based on finite-time scheme (3) 1903–1915
- Sood, N., see Kaur, A. (4) 3159–3166
- Soumya, T. and S.M. Thampi, A fuzzy fusion approach to enlighten the illuminated regions of night surveillance videos (4) 3143–3149
- Sowmya, V., see Vishnu Pradeep, V. (4) 3151–3158
- Sreedasyam, R., A. Rao, N. Sachidanandan, N. Sampath and S.K. Vasudevan, Aarya – A Kinesthetic companion for children with Autism Spectrum Disorder (4) 2971–2976
- Sreedhanya, L.R., A. Varghese, M.S. Nair and M. Wilscy, Temperature mapping of a rotary kiln using fuzzy logic (4) 3059–3067
- Sreedhar, K.C., M.N. Faruk and B. Venkateswarlu, A genetic TDS and BUG with pseudo-identifier for privacy preservation over incremental data sets (4) 2863–2873
- Srivastava, S., see Gopal (4) 2893–2899
- Srivastava, S., see Gopal (4) 2893–2899
- Stafylopatis, A., see Vathi, E. (2) 1265–1275
- Strobin, L. and A. Niewiadomski, Linguistic summaries of graph datasets using ontologies: An application to Semantic Web (2) 1193–1202
- Sun, B. and W. Ma, Fuzzy rough set over multi-universes and its application in decision making (3) 1719–1734
- Sun, C., see Yuan, Z. (1) 877–888
- Sun, C.-H., see Chiu, C.-H. (6) 3809–3820
- Sun, F., X.-p. Wang and X.-b. Qu, Uni-nullnorms and null-uninorms (3) 1969–1981
- Sun, Q., C. Wu and Y.-l. Li, A new probabilistic neural network model based on backpropagation algorithm (1) 215–227
- Sun, W., see Song, X. (5) 3461–3473
- Sun, X., see He, J. (5) 3355–3364
- Sun, X.-K., see Li, C.-F. (5) 3729–3737
- Sun, X.-P., Research on the nitrogen use efficiency evaluation of different rice genotypes with intuitionistic fuzzy information (3) 1745–1751
- Sun, X.-s., see Jiang, Q.-y. (6) 4135–4143
- Sun, Z., Y. He, J. Wu, Y. Huang and J. Yang, A robust adaptive particle swarm optimization for clustering analysis based on steepest descent method (1) 23–33
- Surender, see Selwal, A. (5) 3325–3337
- Surendran, K., see Ashok, A. (4) 2901–2907
- Szczerbicki, E., see Sanin, C. (2) 1585–1599
- Szczerbicki, E., see Zhang, H. (2) 1575–1584
- Taheri, S.M., see Parchami, A. (3) 1649–1658
- Takaya, M., see Tsuya, K. (4) 3201–3208
- Taki, M., A new fuzzy based scheme to optimize buffer constrained throughput of a wireless link using adaptive modulation, coding and transmit power (3) 2499–2507
- Talo, Ö. and F. Bayazit, Tauberian theorems for statistically convergent double sequences of fuzzy numbers (3) 2617–2624
- Tan, X., see Bu, H. (5) 3429–3445
- Tang, J., B. Davvaz and X. Xie, A study on (fuzzy) quasi- Γ -hyperideals in ordered Γ -semihypergroups (6) 3821–3838
- Tang, J., B. Davvaz, X.-Y. Xie and N. Yaqoob, On fuzzy interior Γ -hyperideals in ordered Γ -semihypergroups (3) 2447–2460
- Tang, S.-L., Green supplier selection model with hesitant fuzzy information (1) 189–195
- Tang, X., see Gu, Z. (1) 75–83
- Tang, Y., see Jiang, W. (3) 1931–1943
- Tantawy, O.A.E., see Kandil, A. (1) 1007–1018
- Tavakkoli-Moghaddam, R., see Kazemi, S.M. (1) 467–481
- Teng, F., see Liu, P. (3) 2375–2391
- Thampi, S.M. and E.-S.M. El-Alfy, Special issue on soft computing and intelligent systems: Tools, techniques and applications (4) 2791–2796
- Thampi, S.M., see Deepthi, P.S. (4) 2797–2805
- Thampi, S.M., see Soumya, T. (4) 3143–3149
- Thampi, S.M., see Vidyadharan, D.S. (4) 3177–3188
- Thomas, S., see Nair, J.J. (4) 3209–3219
- Tian, F., R. Zhang, J. Lewandowski, K.-M. Chao, L. Li and B. Dong, Deadlock-free migration for virtual machine consolidation using Chicken Swarm Optimization algorithm (2) 1389–1400
- Tian-Yu, X., see Zhan-Ao, X. (1) 899–911
- Tiwari, S., see Kumar, M. (5) 3413–3427
- Tiwari, S., see Mishra, K.K. (3) 2485–2498
- Tong, Q., J. Cheng and F. Zhang, Relaxing of flexible RDF queries: A relative proximity relation-based approach (6) 4145–4157

- Tong, Y., Model for evaluating the green supply chain performance under low-carbon agricultural economy environment with 2-tuple linguistic information (3) 2717–2723
- Toro, C., see Sanin, C. (2) 1585–1599
- Tran, Q.D., D. Hwang and J.J. Jung, Character-based indexing and browsing with movie ontology (2) 1229–1240
- Tran, V.C., D.T. Hoang, N.T. Nguyen and D. Hwang, A named entity recognition approach for tweet streams using active learning (2) 1277–1287
- Trawiński, B., see Nguyen, N.-T. (2) 1157–1160
- Trinh, T., see Nguyen, L.T.T. (2) 1297–1305
- Tripathi, A., see Mishra, K.K. (3) 2485–2498
- Tripathy, B.C., see Dutta, A. (1) 137–139
- Trivedi, M.C., S. Mishra and V.K. Yadav, Metamorphic cryptography using strength of chaotic sequence and XORing method (5) 3365–3375
- Trivedi, M.C., see Bagga, S. (5) 3561–3573
- Tsuya, K., M. Takaya and A. Yamamura, Application of the firefly algorithm to the uncapacitated facility location problem (4) 3201–3208
- Tu, C., see Hu, F. (5) 3509–3524
- Tuan, N.A., see An, T.V. (1) 529–541
- Tupakula, U., see Mishra, P. (4) 2909–2921
- Turek, W., see Błaszczyk, P. (2) 1535–1546
- Uno, T., see Katagiri, H. (6) 4485–4501
- Vahdani, B., see Mohagheghi, V. (6) 4069–4079
- Vahdani, B., see Moradi, N. (1) 97–113
- Vahdani, B., see Mousavi, S.M. (1) 49–62
- Vaishnavi, J., see Punitha, S. (4) 2819–2828
- Van Huan, N., see Duong, T.H. (2) 1627–1638
- Vara, J.M., see Cañizares, P.C. (2) 1343–1354
- Varadharajan, V., see Mishra, P. (4) 2909–2921
- Vardhan, M., see Kumar, M. (5) 3413–3427
- Varghese, A., see Sreedhanya, L.R. (4) 3059–3067
- Vashisth, P., P. Khurana and P. Bedi, A fuzzy hybrid recommender system (6) 3945–3960
- Vasudevan, S.K., see Abhishek, S.N. (4) 3221–3228
- Vasudevan, S.K., see Sreedasyam, R. (4) 2971–2976
- Vathi, E., G. Siolas and A. Stafylopatis, Mining and categorizing interesting topics in Twitter communities (2) 1265–1275
- Venkateswarlu, B., see Sreedhar, K.C. (4) 2863–2873
- Vidhya, K.A. and T.V. Geetha, Rough set theory for document clustering: A review (3) 2165–2185
- Vidyadharan, D.S. and S.M. Thampi, Digital image forgery detection using compact multi-texture representation (4) 3177–3188
- Vidyarthi, A. and N. Mittal, Texture based feature extraction method for classification of brain tumor MRI (4) 2807–2818
- Vij, D., see Kaur, A. (4) 3159–3166
- Vishnu Pradeep, V., V. Sowmya and K.P. Soman, Application of M-band wavelet in pan-sharpening (4) 3151–3158
- Vo, B., see Nguyen, L.T.T. (2) 1297–1305
- Waghmare, L.M., see Londhe, P.S. (3) 2509–2522
- Wahyono and K.-H. Jo, Detection of human carrying baggage from video sequences (2) 1601–1613
- Wang, B., B. Kong, D. Ding, C. Wang and J. Yang, A novel traffic sign recognition algorithm based on sparse representation and dictionary learning (5) 3775–3784
- Wang, C., Decomposition theorems and representation theorems of vague soft sets (1) 85–95
- Wang, C., see Wang, B. (5) 3775–3784
- Wang, F., see Ma, T. (5) 3447–3459
- Wang, F., see Wang, X. (6) 4235–4246
- Wang, G. and X. Li, Mesh construction of PLF and its approximation process in Mamdani fuzzy system (6) 4213–4225
- Wang, G., see Zhang, Q. (3) 2549–2562
- Wang, H., Y. Wen and D. Zhao, Robust positioning algorithm based on relative location map for mobile wireless sensor networks (5) 3695–3710
- Wang, J., see Ma, T. (5) 3447–3459
- Wang, J., see Shen, Y. (1) 671–680
- Wang, J., see Wang, X. (6) 4235–4246
- Wang, J.-Q., see Wang, M.-X. (3) 2295–2308
- Wang, J.-q., see Wang, P. (1) 1069–1078
- Wang, K., J. Zhou and D.A. Ralescu, Arithmetic operations for LR mixed fuzzy random variables via mean chance measure with applications (1) 451–466
- Wang, K., see Yu, H. (3) 2101–2109
- Wang, L., see Liang, B. (3) 1867–1875
- Wang, L., see Wang, Y. (6) 3797–3807
- Wang, L., see Zhu, L.-C. (1) 271–277
- Wang, L., see Zhu, L.-C. (3) 2633–2640
- Wang, M., see Liu, C. (1) 749–765
- Wang, M.-X. and J.-Q. Wang, An evolving Takagi-Sugeno model based on aggregated trapezium clouds for anomaly detection in large datasets (3) 2295–2308
- Wang, P. and Q. Li, The rough membership function based on C_{10} and its applications (1) 279–289
- Wang, P., X.-h. Xu, J.-q. Wang and C.-g. Cai, Some new operation rules and a new ranking method for

- interval-valued intuitionistic linguistic numbers (1) 1069–1078
- Wang, Q., Research on the assessment of psycholinguistic teaching effect with triangular fuzzy information (1) 1139–1146
- Wang, Q., see He, L. (5) 3609–3617
- Wang, S., see Chen, A. (1) 177–188
- Wang, S., see Chen, A. (3) 1833–1845
- Wang, T., Y. Wang and C. Han, An improved clustering routing mechanism for wireless Ad hoc network (5) 3401–3412
- Wang, X. and Y. Ning, Stability of uncertain delay differential equations (3) 2655–2664
- Wang, X., Approach for multiple attribute decision-making with interval grey number based on Choquet integral (6) 4205–4211
- Wang, X., J. Zhang, Y. Liu, W. Yunyun, F. Wang and J. Wang, The drivers' lane selection model based on mixed fuzzy many-person multi-objective non-cooperative game (6) 4235–4246
- Wang, X.-p., see Sun, F. (3) 1969–1981
- Wang, Y. and T. Chen, Performance evaluation on the water endurance of chemical adhesive steel bar in concrete with triangular fuzzy information (1) 401–407
- Wang, Y., L. Wang, X. Yan and P. Shen, Fuzzy immune particle swarm optimization algorithm and its application in scheduling of MVB periodic information (6) 3797–3807
- Wang, Y., see Chu, J. (3) 2563–2578
- Wang, Y., see Feng, L. (1) 115–126
- Wang, Y., see Ke, X. (6) 3879–3891
- Wang, Y., see Li, X. (6) 4513–4522
- Wang, Y., see Wang, T. (5) 3401–3412
- Wang, Y., see Wu, C. (6) 3909–3920
- Wang, Y., see Yuan, Z. (1) 877–888
- Wang, Y., see Zang, F. (1) 991–997
- Wang, Y.-M., see Lin, Y. (1) 691–701
- Wang, Y.R., see Yang, Y. (1) 867–869
- Wang, Y.-X., Comprehensive evaluation of regional economy development level in Jiangsu Province with 2-tuple linguistic information (1) 859–866
- Wang, Z., M. Zheng, J. Guo and H. Huang, Uncertain UAV ISR mission planning problem with multiple correlated objectives (1) 321–335
- Wang, Z., see Han, Y. (6) 4183–4195
- Wang, Z., see Zheng, K. (6) 4563–4572
- Waris, M.M., see Sanin, C. (2) 1585–1599
- Wei, L., see Zhang, C. (6) 4543–4554
- Wei, W., see Song, X. (5) 3461–3473
- Wei, Z., see Kong, Q. (3) 2413–2424
- Wen, Q., see Xia, H. (6) 4227–4233
- Wen, Y., see Wang, H. (5) 3695–3710
- Wilscy, M., see Sreedhanya, L.R. (4) 3059–3067
- Wong, P.K., see Zhao, J. (3) 2351–2363
- Woźniak, M., see Ksieniewicz, P. (2) 1427–1436
- Wu, C., H. Song, C. Yan and Y. Wang, A fuzzy-based function approximation technique for reinforcement learning (6) 3909–3920
- Wu, C., see Sun, Q. (1) 215–227
- Wu, D., see Zhou, G. (5) 3785–3796
- Wu, F., see Liu, Y. (3) 2579–2589
- Wu, J., see Liu, Y. (1) 63–74
- Wu, J., see Sun, Z. (1) 23–33
- Wu, S.-Q., Models for evaluating the technological innovation capability of small and micro enterprises with hesitant fuzzy information (1) 249–256
- Wu, X., see Yu, G. (3) 2641–2653
- Wu, X.-Y., E.-Q. Li and S.-Z. Bai, Geometric properties of M -fuzzifying convex structures (6) 4273–4284
- Xia, G., see Yu, G. (3) 2641–2653
- Xia, H., H.-K. Lam, L. Li, Q. Wen and G. Ma, Stability analysis and synthesis of fuzzy-model-based time-delay systems under imperfect premise matching (6) 4227–4233
- Xiang, J., see Li, H.-J. (6) 4503–4511
- Xian-Wei, X., see Zhan-Ao, X. (1) 899–911
- Xiao, M.-M. and Y.-P. Luo, Automatic protocol reverse engineering using grammatical inference (5) 3585–3594
- Xiao, X., see Rao, C. (6) 4009–4022
- Xiao-Meng, S., see Zhan-Ao, X. (1) 899–911
- Xie, C., see Jiang, W. (3) 1931–1943
- Xie, M., see Rao, C. (6) 4009–4022
- Xie, X., see Tang, J. (6) 3821–3838
- Xie, X.-Y., see Tang, J. (3) 2447–2460
- Xie, Z., see Zhao, J. (3) 2351–2363
- Xin, C., see Lianqiang, N. (5) 3739–3748
- Xin, X., X. Cheng and X. Zhang, Generalized state operators on BCI-algebras (3) 2591–2602
- Xing, Y., see Qiu, D. (1) 889–897
- Xu, C. and P. Li, Global exponential stability of periodic solution for fuzzy cellular neural networks with distributed delays and variable coefficients (3) 2603–2615
- Xu, C., F. Meng and Q. Zhang, PN equilibrium strategy for matrix games with fuzzy payoffs (3) 2195–2206
- Xu, J., see Zhang, Z. (5) 3749–3760
- Xu, J.-H., see Luo, S. (6) 4259–4271
- Xu, T., Z. Yin, D. Cai and D. Zheng, Fault diagnosis for rotating machinery based on Local Mean

- Decomposition morphology filtering and Least Square Support Vector Machine (3) 2061–2070
- Xu, X., R. Chen, F. He and L. Zhu, Two non-radial measures of super-efficiency in DEA with data uncertainty (6) 4533–4542
- Xu, X., see Zhou, S. (3) 2537–2548
- Xu, X.-h., see Wang, P. (1) 1069–1078
- Xu, Y., see Niu, J. (6) 4247–4258
- Xu, Z., see Ding, J. (3) 2523–2536
- Xu, Z., see Zhou, W. (1) 1129–1138
- Yadav, V.K., see Trivedi, M.C. (5) 3365–3375
- Yağdiran, D., see Altinok, H. (3) 2725–2731
- Yamamura, A., see Tsuya, K. (4) 3201–3208
- Yan, C., see Wu, C. (6) 3909–3920
- Yan, D., see Yang, Y. (1) 197–205
- Yan, D., Y. Yang and B. Li, An improved fuzzy classifier for imbalanced data (3) 2315–2325
- Yan, L., see You, C. (1) 999–1006
- Yan, X., see Wang, Y. (6) 3797–3807
- Yang, C., see Li, C. (5) 3655–3667
- Yang, G., see Zhao, X. (3) 2339–2349
- Yang, H., X. Liu and L. Zhang, Observer-based tracking control using unmeasurable premise variables for time-delay switched fuzzy systems (6) 3973–3985
- Yang, J., see Qin, K. (1) 831–839
- Yang, J., see Sun, Z. (1) 23–33
- Yang, J., see Wang, B. (5) 3775–3784
- Yang, M., see Zhou, S. (1) 543–549
- Yang, P., see Chen, X. (4) 3069–3080
- Yang, Q., see Huang, X. (6) 4417–4417
- Yang, R., see Zang, F. (1) 991–997
- Yang, S., see Gong, Y. (3) 1891–1902
- Yang, W., see Ma, Z.M. (1) 681–690
- Yang, W., Y. Pang, J. Shi and H. Yue, Linguistic hesitant intuitionistic fuzzy linear assignment method based on Choquet integral (1) 767–780
- Yang, X., see Liao, W. (1) 913–923
- Yang, X., Y. Ni and Y. Zhang, Stability in inverse distribution for uncertain differential equations (3) 2051–2059
- Yang, X.-F., see Gao, X.-Y. (6) 4109–4118
- Yang, X.-j., see Jiang, Q.-y. (6) 4135–4143
- Yang, Y. and Y.R. Wang, Commentary on “Type-2 soft sets” [Journal of Intelligent and Fuzzy Systems 29 (2015) 885–898] (1) 867–869
- Yang, Y., D. Yan and J. Zhao, Optimal path selection approach for fuzzy reliable shortest path problem (1) 197–205
- Yang, Y., see Lu, L. (5) 3633–3640
- Yang, Y., see Yan, D. (3) 2315–2325
- Yang, Z., see Zhang, Q. (1) 1–9
- Yao, W., see Shen, C. (1) 127–136
- Yao, Y., see Ma, T. (5) 3447–3459
- Yaqoob, N., see Tang, J. (3) 2447–2460
- Yari, M.K., see Paripour, M. (3) 2327–2338
- Yavuz, E., Euler summability method of sequences of fuzzy numbers and a Tauberian theorem (1) 937–943
- Yazdi, S., see Simab, M. (6) 3859–3866
- Ye, J., see Hu, K. (3) 1775–1786
- Ye, Y.-F., see Yu, G.-F. (1) 1019–1028
- Yetilmezsoy, K., see Zhao, T. (3) 2207–2219
- Yi, J., see Li, C. (3) 2705–2715
- Yi-lin, Y. see Zhan-Ao, X. (1) 899–911
- Yilmaz, Ş., see Kazancı, O. (3) 2437–2446
- Yin, H., see Chen, X. (4) 3069–3080
- Yin, J.-Y., see Li, C.-F. (5) 3729–3737
- Yin, Z., see Xu, T. (3) 2061–2070
- Yingshi, F., see Zenglian, Z. (6) 4555–4561
- You, C. and L. Yan, The p-distance of uncertain variables (1) 999–1006
- Yousafzai, F., M.M. Khalaf, M. Khan, A.B. Saeid and Q. Iqbal, Some studies in fuzzy non-associative semigroups (3) 1917–1930
- Yu, B. and Q. Li, Rough soft set theory applied to lattices and its applications (6) 3867–3878
- Yu, G., X. Wu and G. Xia, T-similarity of fuzzy relations on a complete residuated lattice and its algebraic structures (3) 2641–2653
- Yu, G.-F., D.-F. Li, J.-M. Qiu and Y.-F. Ye, Application of satisfactory degree to interval-valued intuitionistic fuzzy multi-attribute decision making (1) 1019–1028
- Yu, H., R. Gao, K. Wang and F. Zhang, A novel robust recommendation method based on kernel matrix factorization (3) 2101–2109
- Yu, J., see Zhang, Y. (3) 2365–2373
- Yu, M., Model for evaluating the E-commerce logistics service quality with hesitant fuzzy uncertain linguistic information (6) 4023–4029
- Yu, Z., see Li, W. (1) 807–816
- Yuan, S., see Zhang, Z. (5) 3749–3760
- Yuan, Z., Y. Wang and C. Sun, Construction schedule early warning from the perspective of probability and visualization (1) 877–888
- Yue, C., Two normalized projection models and application to group decision-making (6) 4389–4402
- Yue, H., see Yang, W. (1) 767–780
- Yunyun, W., see Wang, X. (6) 4235–4246

- Zafar, S., see Faizi, S. (3) 2153–2164
- Zaibidi, N.Z., see Ghafour, K. (6) 4059–4068
- Zang, F., Y. Wang and R. Yang, Robust control for a class of secondary regulation rotate speed systems via Hamiltonian function method (1) 991–997
- Zarei, F. see Jahromi, A.F. (1) 241–248
- Zareizadeh, Z., M.S. Helfroush and K. Kazemi, A new multiobjective evolutionary optimization algorithm based on θ -multiobjective clonal selection (3) 1685–1696
- Zeng, B., Forecasting the relation of supply and demand of natural gas in China during 2015–2020 using a novel grey model (1) 141–155
- Zeng, S., J.M. Merigó, D. Palacios-Marqués, H. Jin and F. Gu, Intuitionistic fuzzy induced ordered weighted averaging distance operator and its application to decision making (1) 11–22
- Zeng, W., see Li, J. (3) 1673–1683
- Zenglian, Z., M. Junyang and F. Yingshi, Uncertain project selection model considering sustainability and compatibility (6) 4555–4561
- Zhan, H. and H.-W. Liu, Cross-migrative uninorms with different neutral elements (3) 1877–1889
- Zhan, J., see Ma, X. (3) 2071–2082
- Zhan-Ao, X., S. Xiao-Meng, X. Tian-Yu, X. Xian-Wei and Y. Yi-lin, Multi-granulation covering rough intuitionistic fuzzy sets (1) 899–911
- Zhang, C., R. Hu and L. Wei, Uncertain portfolio selection model considering transaction costs and minimum transaction lots requirement (6) 4543–4554
- Zhang, F., see Tong, Q. (6) 4145–4157
- Zhang, F., see Yu, H. (3) 2101–2109
- Zhang, F., see Zhou, S. (3) 2537–2548
- Zhang, G., see Li, C. (3) 2705–2715
- Zhang, H., C. Sanin, E. Szczerbicki and M. Zhu, Towards neural knowledge DNA (2) 1575–1584
- Zhang, H., Research on fuzzy evaluation of performance in green supply chain based on environmental economics (3) 2625–2631
- Zhang, H., see Zheng, Q. (1) 1147–1156
- Zhang, J., L. Fillatre and I. Nikiforov, Bayesian localization of anomaly in distributed networks with quadratic criterion (5) 3595–3608
- Zhang, J., see Wang, X. (6) 4235–4246
- Zhang, K., see Guo, X. (3) 2771–2778
- Zhang, L., see Liu, P. (1) 303–319
- Zhang, L., see Liu, P. (6) 4403–4413
- Zhang, L., see Yang, H. (6) 3973–3985
- Zhang, L.-Y., J.-D. Ren and X.-W. Li, OIM-SM: A method for ontology integration based on semantic mapping (3) 1983–1995
- Zhang, P., see Zhang, Q. (3) 2549–2562
- Zhang, Q., P. Zhang and G. Wang, Research on approximation set of rough set based on fuzzy similarity (3) 2549–2562
- Zhang, Q., see Dai, J. (1) 703–710
- Zhang, Q., see Huang, X. (6) 4417–4417
- Zhang, Q., see Song, X. (5) 3461–3473
- Zhang, Q., see Xu, C. (3) 2195–2206
- Zhang, Q., Z. Yang and B. Gui, Coalitional game with fuzzy payoffs and credibilistic nucleolus (1) 1–9
- Zhang, R., see Tian, F. (2) 1389–1400
- Zhang, S.-Y., see Luo, S. (6) 4259–4271
- Zhang, X., see Shi, L. (3) 2221–2232
- Zhang, X., see Xin, X. (3) 2591–2602
- Zhang, X., see Zheng, K. (6) 4563–4572
- Zhang, Y. and X. Guan, A fuzzy optimization method to select marketing strategies for new products based on similar cases (3) 2679–2695
- Zhang, Y., B. Liu and J. Yu, A selective ensemble learning approach based on evolutionary algorithm (3) 2365–2373
- Zhang, Y., see Li, X. (6) 4513–4522
- Zhang, Y., see Yang, X. (3) 2051–2059
- Zhang, Z., Y. Hu, C. Ma, J. Xu, S. Yuan and Z. Chen, Incentive-punitive risk function with interval valued intuitionistic fuzzy information for outsourced software project risk assessment (5) 3749–3760
- Zhao, D., see Wang, H. (5) 3695–3710
- Zhao, J., P.K. Wong, Z. Xie and X. Ma, Cuckoo search-based intelligent control of a novel variable rotary valve system for engines using PID controller (3) 2351–2363
- Zhao, J., see Yang, Y. (1) 197–205
- Zhao, J.-j., see Li, C.-F. (5) 3729–3737
- Zhao, N., see Ding, J. (3) 2523–2536
- Zhao, R., Y.-H. Chen and S. Jiao, Optimal design of robust control for positive fuzzy dynamic systems with one-sided control constraint (1) 723–735
- Zhao, T., C. Liu, K. Yetilmesoy, P. Gong and J. Li, Realization and engineering application of hydraulic support optimization in residual coal remining (3) 2207–2219
- Zhao, T., Y. Lu and C. Liu, Comprehensive optimization and engineering applications of thick residual coal re-mining methodology (3) 2111–2122
- Zhao, X. and G. Yang, An entropy-based online multi-model identification algorithm and generalized predictive control (3) 2339–2349
- Zhao, Z., Q. Quan and K.-Y. Cai, A modified profust-performance-reliability algorithm and its application to dynamic systems (1) 643–660

- Zheng, D., see Xu, T. (3) 2061–2070
Zheng, G., see Dai, J. (1) 703–710
Zheng, H., see Qin, Z. (6) 4523–4531
Zheng, J., see Rao, C. (6) 4009–4022
Zheng, K., L. Han, S. Guo, Z. Wang, X. Zhang and X. Dong, Fuzzy synthetic condition assessment of wind turbine based on combination weighting and cloud model (6) 4563–4572
Zheng, M., see Wang, Z. (1) 321–335
Zheng, N., see Dai, J. (1) 703–710
Zheng, Q. and H. Zhang, New results on state feedback control for a class of switched nonlinear systems (1) 1147–1156
Zheng, S., see Liang, B. (3) 1867–1875
Zhong, Z., see Li, X. (6) 4513–4522
Zhou, G., Z. Liu, W. Shu, T. Bao, L. Mao, D. Wu and Feng-Qiu, Smart savings on private car pooling based on internet of vehicles (5) 3785–3796
Zhou, J., see Peng, B. (3) 1959–1968
Zhou, J., see Wang, K. (1) 451–466
Zhou, L., see Guan, X. (3) 2281–2294
Zhou, S., L. Li, M. Yang and W. Chang, Research on the performance evaluation of experiment platforms with 2-tuple linguistic information (1) 543–549
Zhou, S., see Zong, L. (5) 3539–3550
Zhou, S., X. Xu, Z. Li and F. Zhang, Probability approximation to multi-attribute decision making method with stochastic attribute values (3) 2537–2548
Zhou, W. and Z. Xu, Extreme intuitionistic fuzzy weighted aggregation operators and their applications in optimism and pessimism decision-making processes (1) 1129–1138
Zhou, Z., see Sang, H. (5) 3377–3385
Zhu, L., see Xu, X. (6) 4533–4542
Zhu, L.-C., J.-L. Hou and L. Wang, Model for evaluating the operation modes of sports sites facilities with interval-valued intuitionistic fuzzy information (1) 271–277
Zhu, L.-C., J.-L. Hou and L. Wang, Research on sports grounds' management performance evaluation with triangular fuzzy information (3) 2633–2640
Zhu, M., see Zhang, H. (2) 1575–1584
Zhu, Q., see Han, Y. (6) 4183–4195
Zhu, R., see Bu, H. (5) 3429–3445
Zhu, Y., see Shen, J. (1) 207–214
Zirkohi, M.M., Model reference type-2 fuzzy sliding mode control for a novel uncertain hyperchaotic system (1) 389–400
Zong, L., Y. Bai, T. Huang and S. Zhou, Transmission control for heterogeneous network composed of MANET and terrestrial-satellite network (5) 3539–3550
Zorman, M., see Mlakar, U. (6) 4319–4330
Zorrilla, M., see García-Saiz, D. (2) 1449–1459
Zulvia, F.E., see Kuo, R.J. (3) 2251–2267
Zuo, W., see Feng, L. (1) 115–126