

Author Index Volume 15 (2015)

The issue number is given in front of the page numbers.

- Abdella, K., Solving differential equations using Sinc-collocation methods with derivative interpolations (3) 305–315
An, J., see Qiao, X. (1) 63– 71
- Bai, F., M. Zhang, X. Zhang and X. Huang, The visible foreign matter visual detecting algorithm research in oral liquid (3) 447–455
Bai, L., see Xiao, C. (1) 31– 40
Bai, Y., see Zhou, W. (4) 645–651
Bi, Y., see Qiao, X. (1) 63– 71
Brandin, J., see Tunå, P. (2) 303–314
Brandin, J., see Tunå, P. (3) 593–604
- Changizi, M.A. and I. Stiharu, Lie group analysis of non-linear dynamic of micro structures under electrostatic field (3) 327–338
Chaturvedi, P., see Pooja (4) 783–800
Chen, B., see Guan, B. (3) 569–583
Chen, J., Multi-platform build for combination communication in Internet of Things (2) 261–267
Chen, K., see Yin, J.-S. (1) 91– 98
Chen, L., see Sun, X. (3) 489–497
Chen, T., see Liu, X. (3) 477–488
- Dang, J., see Wang, J. (3) 507–513
Dasgupta, K., see Gajjar, S. (4) 801–823
- Fan, J. and X. Li, Prediction of the productivity of steam flooding production wells using Gray Relation Analysis and Support Vector Machine (3) 499–506
Fatouraee, N., see Gorji, T.B. (3) 339–358
Feng, G., see Luo, Y. (3) 515–525
- Gajjar, S., M. Sarkar and K. Dasgupta, Fuzzy-Cross: A fuzzy based architecture for wireless sensor network (4) 801–823
Gao, G., see Shi, X. (3) 405–414
Gao, J., see Qi, F. (2) 143–150
Gao, M., see Yang, Y. (2) 269–276
Gao, T. and N. Kasabov, A method used for Dotted Data Matrix image processing (4) 685–693

- Gao, Z., Y. Yi, H. Zhao, T. Guo and X. Luo, Numerical simulation of slot coupling of UWB to landmine shielding shell (3) 549–558
- Ge, X. and H. Tian, On the influence of feature selection and extraction for the classification of steganalysis based on the JPEG image (4) 695–705
- Giannoukos, G. and M. Min, Application of artificial neural networks to model the interaction between T-cells and B-cells and their equivalent impedance of the linearized model (2) 295–302
- Giannoukos, G. and M. Min, Mathematical modelling of the dynamic electrical impedance of a parallel RC circuit using a Wien bridge oscillator (2) 287–293
- Gorji, T.B., A. Mozaffari, M. Gorji-Bandpy and N. Fatouraee, Estimating the deposition efficiency of micro-particles in human upper airway using computerized tomography imaging and bio-inspired evolvable extreme learning machine interpolator (3) 339–358
- Gorji-Bandpy, M., see Gorji, T.B. (3) 339–358
- Gu, J.J. and L. Tao, Finite real-valued discrete Gabor transform with multi-windows (1) 3– 11
- Gu, L., Fast pedestrian detection based on feature of local model (3) 387–393
- Guan, B., Y. Zang, B. Chen, S. Ye, A. Li and T. Liu, Study on computer aided inspected point planning based on human-computer interaction (3) 569–583
- Guan, H., L. Ye, X. Ma and Z. Song, Impact analysis of sampling numbers on the method of snapshots (2) 221–228
- Guan, X., M. Guo, J. Li, X. Liu, H. Zhao and J. Lin, A study on the carbon reservation of medium density fiberboard prepared from wood fiber activation with laccase-mediator system (4) 625–633
- Guo, M., see Guan, X. (4) 625–633
- Guo, T., see Gao, Z. (3) 549–558
- Guo, Z., see Zeng, F. (2) 151–162
- Guo, Z.-J., see Zhang, X.-Y. (4) 663–675
- He, H., see Liu, Z. (4) 729–736
- He, L. and W.L. Sun, Part resource ontology construction approach based on heterogeneous CAD model documents (4) 759–772
- He, L. and W.L. Sun, Research on networked part resource service platform for complex product rapid design (4) 745–757
- He, L., see Zeng, F. (2) 151–162
- Huang, Q., see Liu, J. (2) 163–169
- Huang, X., see Bai, F. (3) 447–455
- Huang, X., see Jing, J. (2) 229–239
- Iftikhar, M., see Younis, M. (3) 359–365
- Jia, B., J. Jing, X. Qiao and C. Zhang, Calculations for AP1000 nuclear power plant SGTR accident based on RELAP5/mod 3.3 program (1) 81– 90
- Jia, B., see Qiao, X. (1) 63– 71
- Jing, J., see Jia, B. (1) 81– 90
- Jing, J., see Qiao, X. (1) 63– 71

- Jing, J., W. Sun, X. Huang and X. Qiao, Research of complete loss of flow accident for AP1000 based on RELAP5 code (2) 229–239
- Jing, T., see Shi, X. (3) 405–414
- Kasabov, N., see Gao, T. (4) 685–693
- Kong, C., see Ma, D. (3) 537–547
- Kumar, P., see Pooja (4) 783–800
- Li, A., see Guan, B. (3) 569–583
- Li, G. and H. Wei, Flow characteristics of ultra-high pressure micro-impinging streams (1) 41– 50
- Li, H., Design and development of the long-distance pipeline monitoring system (1) 117–126
- Li, H., The numerical analysis of the weighted average method for heat conduction equation in one dimension (4) 653–661
- Li, J., see Guan, X. (4) 625–633
- Li, L., An optimized method for Adaptive Cloud computing event judgment: Adaptive STAR (2) 213–220
- Li, L., see Zeng, Y. (3) 395–403
- Li, M., see Ma, D. (3) 537–547
- Li, N., see Ma, X. (3) 367–373
- Li, X., see Fan, J. (3) 499–506
- Li, Y., see Liu, Z. (4) 729–736
- Li, Y., see Qiao, X. (1) 63– 71
- Li, Y., see Yang, Y. (2) 269–276
- Liang, L., see Wang, Y. (1) 99–106
- Lin, J., see Guan, X. (4) 625–633
- Lin, J., see Wu, L. (1) 51– 61
- Lin, J., see Yin, J.-S. (1) 91– 98
- Liu, B., see Zhu, F. (1) 13– 22
- Liu, H., see Liu, X. (3) 477–488
- Liu, J., see Zhao, T. (3) 437–446
- Liu, J., Z. Wang, Q. Xu and Q. Huang, Path scheduling for multi-AGV system based on two-staged traffic scheduling scheme and genetic algorithm (2) 163–169
- Liu, L., see Yin, J.-S. (1) 91– 98
- Liu, T., see Guan, B. (3) 569–583
- Liu, X., H. Liu, Z. Wan, T. Chen and K. Tian, Application and study of internet of things used in rural water conservancy project (3) 477–488
- Liu, X., see Guan, X. (4) 625–633
- Liu, Y., see Liu, Z. (4) 729–736
- Liu, Z., H. He, Y. Li, Y. Liu and X. Zeng, An Algorithm of wireless network resource allocation in C-RAN (4) 729–736
- Liu, Z., see Luo, X. (4) 635–644
- Loukopoulos, V.C., Criteria and limits for flow modes of the spherical Taylor-Couette problem in medium and wide gaps (4) 825–846
- Lu, J. and L. Wu, Study on dynamic model of magnetically controlled shape memory alloy sensor (2) 171–181

- Luo, X. and Z. Liu, Study on the particle swarm optimization based on double mutation (4) 635–644
 Luo, X., see Gao, Z. (3) 549–558
- Luo, Y., G. Feng, F. Zhang, Y. Mao and J. Wu, A reverse constraint satisfying method (3) 515–525
 for earliness/tardiness scheduling problem based on improved genetic algorithm
 Lv, D., see Xie, B. (4) 707–717
- Ma, D., M. Li, F. Nian and C. Kong, Facial expression recognition based on characteristics (3) 537–547
 of block LGBP and sparse representation
- Ma, J., see Yu, S. (3) 529–536
- Ma, J., see Zhao, L. (3) 585–591
- Ma, X., D. Wang, X. Zhi, X. Ma and S. Zhang, Simulation research of eddy current (2) 193–211
 separation technology in scrap copper based on ANSYS finite element method
- Ma, X., G. Yao, L. Ye, X. Zhi and S. Zhang, Distance calculation between photovoltaic (1) 107–116
 arrays fixed on sloping ground
- Ma, X., H. Yang, N. Li, X. Zhi and W. Zhong, The application of SSH technology (3) 367–373
 in operation and management control platform development of mobile communication
 accounting system
- Ma, X., see Guan, H. (2) 221–228
- Ma, X., see Ma, X. (2) 193–211
- Mao, L. and D.-Y. Qi, An integrated methodology for performance assessment of campus (2) 129–141
 network
- Mao, Y., see Luo, Y. (3) 515–525
- Min, M., see Giannoukos, G. (2) 295–302
- Min, M., see Giannoukos, G. (2) 287–293
- Mohammadi, F., A computational approach for solution of boundary layer equations for (3) 317–326
 the free convection along a vertical plate
- Mozaffari, A., see Gorji, T.B. (3) 339–358
- Mu, C., see Shi, X. (3) 405–414
- Nian, F., see Ma, D. (3) 537–547
- Niu, Y., see Zhao, T. (3) 437–446
- Pooja, P. Chaturvedi and P. Kumar, Control parameters and mutation based variants of (4) 783–800
 differential evolution algorithm
- Qi, D.-Y., see Mao, L. (2) 129–141
- Qi, F. and J. Gao, A new INDEL detection strategy based on feature extraction (2) 143–150
- Qian, F., see Wang, P. (4) 719–728
- Qiao, X., J. Jing, J. An, W. Sun, B. Jia, Y. Li, Y. Bi, S. Zhuang and C. Zhang, Lumped (1) 63– 71
 parameter method application in nuclear engineering – AP1000 DVI line break accident
 analysis by RELAP5
- Qiao, X., see Jia, B. (1) 81– 90
- Qiao, X., see Jing, J. (2) 229–239
- Rong, Q., see Wang, F. (3) 559–568

- Sarkar, M., see Gajjar, S. (4) 801–823
- Shen, H., P. Zhang and X. Shen, Smoothing displacement field obtained via digital image correlation for robust strain calculation (2) 241–250
- Shen, X., see Shen, H. (2) 241–250
- Shi, X., C. Mu, H. Zhao, T. Jing, Z. Zhao and G. Gao, Research on noise reduction of weak signals in grounding reliability testing of aircraft cable shield (3) 405–414
- Shi, X., see Wang, L. (3) 423–436
- Song, Z., see Guan, H. (2) 221–228
- Stiharu, I., see Changizi, M.A. (3) 327–338
- Sun, G., see Zeng, Y. (3) 395–403
- Sun, Q., J. Xiong and Y. Wang, A method of image segmentation based on the JPEG file stream (3) 467–475
- Sun, W., see Jing, J. (2) 229–239
- Sun, W., see Qiao, X. (1) 63– 71
- Sun, W.L., see He, L. (4) 745–757
- Sun, W.L., see He, L. (4) 759–772
- Sun, X. and L. Chen, A fieldbus applied to sensor-actuator monitoring network (3) 489–497
- Sun, Y., see Zhao, L. (3) 585–591
- Svensson, H., see Tunå, P. (2) 303–314
- Svensson, H., see Tunå, P. (3) 593–604
- Tao, L., see Gu, J.J. (1) 3– 11
- Tian, H., see Ge, X. (4) 695–705
- Tian, K., see Liu, X. (3) 477–488
- Tunå, P., H. Svensson and J. Brandin, Modelling of a reverse-flow partial oxidation reactor for synthesis gas production from gasifier product gas (2) 303–314
- Tunå, P., H. Svensson and J. Brandin, Modelling of a reverse-flow partial oxidation reactor for synthesis gas production from gasifier product gas (3) 593–604
- ur Rehman, H., see Younis, M. (3) 359–365
- Wan, Z., see Liu, X. (3) 477–488
- Wang, D., see Ma, X. (2) 193–211
- Wang, D., see Zhou, W. (4) 645–651
- Wang, F., Q. Rong and H. Zhang, PCA-based safety evaluation model on geological environment (3) 559–568
- Wang, F., see Wang, S. (2) 183–192
- Wang, F., see Zhu, X. (3) 415–421
- Wang, H., see Zhao, L. (3) 585–591
- Wang, H., see Zhou, W. (4) 645–651
- Wang, J. and J. Dang, Modeling and simulation of traffic characteristics of vehicular ad-hoc network (3) 507–513
- Wang, J., see Zeng, F. (2) 151–162
- Wang, J.-T., see Zhang, X.-Y. (4) 663–675

- Wang, L., L. Zhang and X. Shi, Research on aircraft engine actuator and sensor faults diagnosis with Takagi-Sugeno fuzzy model and H_∞ observer (3) 423–436
- Wang, P., Z. Wu and F. Qian, Channel estimation and equalization based on origin analysis (4) 719–728
- Wang, S., Y. Yan, F. Wang and G. Wu, Based on reverse molding technology of the impeller of the fluid dynamics analysis (2) 183–192
- Wang, W. and Z.-B. Wang, A technological research of high temperature float glass thickness un-touch detection based on CCD sensor (2) 251–260
- Wang, X., see Zeng, Y. (3) 395–403
- Wang, Y. and T. Zhou, An optimization method of distribution of banking outlets and its applied research (3) 375–384
- Wang, Y., L. Liang and Y. Yuan, Theoretical investigations for combination optical fiber tip sensors (1) 99–106
- Wang, Y., see Sun, Q. (3) 467–475
- Wang, Y., see Yu, S. (3) 529–536
- Wang, Z., see Liu, J. (2) 163–169
- Wang, Z.-B., see Wang, W. (2) 251–260
- Wang, Z.P., see Yang, H. (4) 605–610
- Wei, H., see Li, G. (1) 41– 50
- Wei, X. and P. Ye, Improved bounds on restricted isometry constant for Orthogonal Multi Matching Pursuit (4) 737–744
- Wei, X., see Ye, P. (3) 459–466
- Wu, G., see Wang, S. (2) 183–192
- Wu, J., see Luo, Y. (3) 515–525
- Wu, L. and J. Lin, A research and improvement on support vectors pre-extracting method based on vector projection (1) 51– 61
- Wu, L., see Lu, J. (2) 171–181
- Wu, Z., see Wang, P. (4) 719–728
- Wu, Z., see Yang, Y. (2) 269–276
- Xiao, C., H. Zhao, J. Yu and L. Bai, Adaptive image fog removal based on multi-scale WLS filter (1) 31– 40
- Xiao, X., see Zeng, Y. (3) 395–403
- Xie, B. and D. Lv, Experimental modal analysis and optimization of CNC double column vertical lathe beam based on Poly-MAX method (4) 707–717
- Xiong, J., see Sun, Q. (3) 467–475
- Xu, G., see Zhu, Y. (2) 277–286
- Xu, Q., see Liu, J. (2) 163–169
- Xu, X., Research on suppression of harmonic current for magnetic control reactor (4) 773–781
- Yan, Y., see Wang, S. (2) 183–192
- Yang, C., Research on enterprise information utility indifference curve of big data time (1) 73– 80
- Yang, C., see Zhou, W. (4) 645–651
- Yang, H., see Ma, X. (3) 367–373

- Yang, H., Z.P. Wang and A. Zhang, An ultra-wideband filter based on right/left handed transmission line (4) 605–610
- Yang, Y., M. Gao, K. Yin, Z. Wu and Y. Li, An automatic visual inspection system for cone surface defects (2) 269–276
(1) 107–116
- Yao, G., see Ma, X.
- Yao, S., see Zhang, X.-Y.
- Ye, L., see Guan, H.
- Ye, L., see Ma, X.
- Ye, P. and X. Wei, The efficiency of using Orthogonal Matching Pursuit in compressed sensing (3) 459–466
(4) 737–744
- Ye, P., see Wei, X.
- Ye, S., see Guan, B.
- Yi, Y., see Gao, Z.
- Yin, J.-S., L. Liu, K. Chen and J. Lin, Intelligent decision making model for traffic congestion control based on fuzzy petri net (1) 91– 98
(2) 269–276
- Yin, K., see Yang, Y.
- Younis, M., H. ur Rehman and M. Iftikhar, Computational examples of a class of fractional order nonlinear evolution equations using modified extended direct algebraic method (3) 359–365
- Yu, J., see Xiao, C.
- Yu, S., Y. Wang and J. Ma, Analysis and application of China's electric power market based on impulse response method (1) 31– 40
(3) 529–536
(1) 23– 30
- Yu, X., see Zhang, Y.
- Yuan, Y., see Wang, Y.
- Zang, Y., see Guan, B. (3) 569–583
- Zeng, F., Z. Guo, J. Wang and L. He, A fast restoring method for arbitrarily warped images of Chinese document (2) 151–162
(4) 729–736
- Zeng, X., see Liu, Z.
- Zeng, X., see Zheng, X.L.
- Zeng, Y., L. Li, T. Zhu, X. Xiao, X. Wang and G. Sun, Design and implementation of running state monitoring system based on WSN (4) 611–623
(3) 395–403
(4) 645–651
- Zhan, Y., see Zhou, W.
- Zhang, A., see Yang, H.
- Zhang, C., see Jia, B.
- Zhang, C., see Qiao, X.
- Zhang, F., see Luo, Y.
- Zhang, H., see Wang, F.
- Zhang, L., see Wang, L.
- Zhang, M., see Bai, F.
- Zhang, P., see Shen, H.
- Zhang, R., see Zheng, X.L.
- Zhang, S., see Ma, X.
- Zhang, S., see Ma, X.
- Zhang, X., see Bai, F.

- Zhang, X.-Y., J.-T. Wang, S. Yao and Z.-J. Guo, Data reduction algorithm based on curvature and topology control for radar simulation in maritime simulator (4) 663–675
- Zhang, Y. and X. Yu, Probability feature of element transition and internal inverse P_ρ -sets (1) 23– 30
(3) 549–558
- Zhao, H., see Gao, Z.
- Zhao, H., see Guan, X.
- Zhao, H., see Shi, X.
- Zhao, H., see Xiao, C.
- Zhao, L., J. Ma, Y. Sun and H. Wang, Study on the method and application of revising the weight coefficient of three times throughout the process of evaluation (3) 585–591
- Zhao, T., J. Liu and Y. Niu, Improved dynamic model of electro-hydraulic servo and actuator system for steam turbine in power systems (3) 437–446
- Zhao, Z., see Shi, X.
- Zheng, X.L., R. Zhang and X. Zeng, Elevator door protection method based on new moving image identification (3) 405–414
- Zhi, X., see Ma, X.
- Zhi, X., see Ma, X.
- Zhi, X., see Ma, X.
- Zhong, W., see Ma, X.
- Zhou, T., see Wang, Y.
- Zhou, W., H. Wang, C. Yang, Y. Bai, D. Wang and Y. Zhan, Decision tree based medical image clustering algorithm in computer-aided diagnoses (4) 645–651
- Zhu, F. and B. Liu, Computing the minimum distance between a point and a curve on mesh (1) 13– 22
- Zhu, T., see Zeng, Y.
- Zhu, X. and F. Wang, Operation performance evaluation method for transitional mode of multiple mode production processes (3) 395–403
- Zhu, Y. and G. Xu, Control system of speed vector on mineral ventilation motor (3) 277–286
- Zhu, Y., Seismic facies classification based on the improved transductive support vector machine (4) 677–684
- Zhuang, S., see Qiao, X. (1) 63– 71