

Advances in Modelling and Analysis A (ISSN: 1258-5769)

| No. | Authors | Title | Keywords | Vol., No., pages | Citation data |
|-----|---|---|---|------------------|---|
| 1 | Peng H., Tian C.Z., Wang C.P. | Product market competition and optimal voluntary disclosure policy - a Bertrand duopoly perspective | Competition, Bertrand Duopoly, Voluntary Disclosure, Proprietary Cost, Fixed Disclosure Cost. | 53, 1, 1-16 | Peng H., Tian C.Z., Wang C.P. (2016). Product market competition and optimal voluntary disclosure policy - a Bertrand duopoly perspective, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 1-16. |
| 2 | Wang C.L., Zhang S.X. | Global solution and stability analysis of constant delay stochastic differential equation | Stability Analysis, Constant Delay Stochastic Differential Equation, Global Solution. | 53, 1, 17-29 | Wang C.L., Zhang S.X. (2016). Global solution and stability analysis of constant delay stochastic differential equation, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 17-29. |
| 3 | Jiang M.L., Lin X.W., Ren H.P. | Research on synergetic pricing strategy of cloud-closed loop supply chains | Cloud Computing, Cloud Closed-loop Supply Chain, Synergy, Pricing Mechanism. | 53, 1, 30-46 | Jiang M.L., Lin X.W., Ren H.P. (2016). Research on synergetic pricing strategy of cloud-closed loop supply chains, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 30-46. |
| 4 | Liu G.Y., Wu H.J. | The optimization of Ningbo Zhoushan port container sea-rail combined transportation network routes | Integrated Transportation, Routes Optimization, Discrete Particle Swarm Algorithm, Sea-Rail Combined Transportation, Container. | 53, 1, 47-59 | Liu G.Y., Wu H.J. (2016). The optimization of Ningbo Zhoushan port container sea-rail combined transportation network routes, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 47-59. |
| 5 | Wu M.H. | Spurious regression of time series with shifts in variance | Spurious Regression, T-ratio Test, Variance Shifts. | 53, 1, 60-72 | Wu M.H. (2016). Spurious regression of time series with shifts in variance, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 60-72. |
| 6 | You S.J., Ning X.Q. | On global generalized solution for a generalized Zakharov equations | Generalized Zakharov Equations, Initial Value Problem, Generalized Solution. | 53, 1, 73-83 | You S.J., Ning X.Q. (2016). On global generalized solution for a generalized Zakharov equations, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 73-83. |
| 7 | Luo L.J., Ren H.P. | A new similarity measure-based MADM method under dynamic interval-valued intuitionistic fuzzy environment | Similarity Measure, Interval-Valued Intuitionistic Fuzzy Set, Multi-attribute Decision Making Method, Maximizing Deviations Method. | 53, 1, 84-92 | Luo L.J., Ren H.P. (2016). A new similarity measure-based MADM method under dynamic interval-valued intuitionistic fuzzy environment, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 84-92. |
| 8 | Wang C.P., Tian C.Z., Xia Z.X. | Informationally efficient mechanism for augmented inner product | Mechanism Design, Informational Efficiency, Decentralization, Reflexive Rectangle Method Correspondence, Reflexive Rectangle Method Covering, Condensation. | 53, 1, 93-115 | Wang C.P., Tian C.Z., Xia Z.X. (2016). Informationally efficient mechanism for augmented inner product, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 93-115. |
| 9 | Shang B., Zhu Y.H. | Optimal model of toll public road with management cost | Toll Public Road, Operation Management Cost, Social Welfare, Private Profit. | 53, 1, 116-128 | Shang B., Zhu Y.H. (2016). Optimal model of toll public road with management cost, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 116-128. |
| 10 | Li W., Li Q. | Reform on mathematical modelling teaching contents in the era of big data | Big Data, Pre-processing, Mathematical Modelling, Rough Set. | 53, 1, 129-144 | Li W., Li Q. (2016). Reform on mathematical modelling teaching contents in the era of big data, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 129-144. |
| 11 | Wu D.Q., Tang L.X., Lia H.Y., Ouyang L.J. | A co-evolutionary particle swarm optimization with dynamic topology for solving multi-objective optimization problems | Multi-objective Optimization, Particle Swarm Optimizer, Two Local Best Solutions, Diversity. | 53, 1, 145-159 | Wu D.Q., Tang L.X., Lia H.Y., Ouyang L.J. (2016). A co-evolutionary particle swarm optimization with dynamic topology for solving multi-objective optimization problems, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 145-159. |
| 12 | You S.J., Ning X.Q. | On global generalized solutions for a two-dimensional generalized Zakharov equations | Generalized Zakharov Equations, Cauchy Problem, Generalized Solution. | 53, 1, 160-171 | You S.J., Ning X.Q. (2016). On global generalized solutions for a two-dimensional generalized Zakharov equations, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 160-171. |
| 13 | Yu W.B., Xie J.Y. | Bayesian estimation of reliability of geometric distribution under different loss functions | Bayes Estimation, Geometric Distribution, Record Value, Loss Function. | 53, 1, 172-185 | Yu W.B., Xie J.Y. (2016). Bayesian estimation of reliability of geometric distribution under different loss functions, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 172-185. |
| 14 | Shi H.R., Liu K.J., Peng H.H., Yao Y. | Fuzzy TOPSIS-based supply chain optimization of fresh agricultural products | Fresh Agricultural Products, Supply Chain Network Optimization, TOPSIS, Expert Evaluation Methods, Loss. | 53, 1, 186-203 | Shi H.R., Liu K.J., Peng H.H., Yao Y. (2016). Fuzzy TOPSIS-based supply chain optimization of fresh agricultural products, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 186-203. |
| 15 | Luo L.J., Ren H.P. | A new similarity measure of intuitionistic fuzzy set and application in MADM problem | Similarity Measure, Intuitionistic Fuzzy Set, Multi-attribute Decision Making Method, TOPSIS. | 53, 1, 204-223 | Luo L.J., Ren H.P. (2016). A new similarity measure of intuitionistic fuzzy set and application in MADM problem, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 1, pp. 204-223. |

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| 16 | Deshmukh S.V., Patil S.G. | Mathematical relationship between dependent and independent parameters of operators working on rock drill machine by dimensional analysis | Independent Variables, Dependent Variables, Rock Drill Operators, Productivity, Human Energy Consumption, Dimensional Analysis. | 53, 2, 1-17 | Deshmukh S.V., Patil S.G. (2016). Mathematical relationship between dependent and independent parameters of operators working on rock drill machine by dimensional analysis, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 1-17. |
| 17 | Fu H.Y., Chen W., Song H., Peng H.W. | Coordination of the supply chain of seasonal products with buy-back contract under weather-sensitive demand | Supply Chain of Seasonal Products, Supply Chain Coordination, Buy-Back Contract, Weather-sensitive Demand, Weather Risk Management. | 53, 2, 18-33 | Fu H.Y., Chen W., Song H., Peng H.W. (2016). Coordination of the supply chain of seasonal products with buy-back contract under weather-sensitive demand, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 18-33. |
| 18 | Meng P.C., Yin W.S., Jiang Z.X. | Indexing DNA sequence k-mer based on LNDM algorithm | LNDM Algorithm, Automaton, Indexing Model, String Matching. | 53, 2, 34-47 | Meng P.C., Yin W.S., Jiang Z.X. (2016). Indexing DNA sequence k-mer based on LNDM algorithm, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 34-47. |
| 19 | You S.J., Ning X.Q. | On the Cauchy problem for three-dimensional generalized Zakharov equations | Generalized Zakharov Equations, Cauchy Problem, Generalized Solution. | 53, 2, 48-59 | You S.J., Ning X.Q. (2016). On the Cauchy problem for three-dimensional generalized Zakharov equations, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 48-59. |
| 20 | Xing L. | Evolutionary analysis of the trust relationship in the strategic emerging industry clusters based on complex network | Complex Network, Strategic Emerging Industry Cluster, State Transition Equation, Trust Relationship. | 53, 2, 60-77 | Xing L. (2016). Evolutionary analysis of the trust relationship in the strategic emerging industry clusters based on complex network, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 60-77. |
| 21 | Zheng W. | A novel nonnegative subspace learning approach for unsupervised feature selection | Data Mining, Unsupervised Feature Selection, Sparse Subspace Learning, Clustering. | 53, 2, 78-92 | Zheng W. (2016). A novel nonnegative subspace learning approach for unsupervised feature selection, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 78-92. |
| 22 | Xing L. | Research on cooperation innovation among enterprises in the strategic emerging industrial cluster | Game Theory, Strategic Emerging Industrial Cluster, Cooperation Innovation, Overall Rationality, Individual Rationality. | 53, 2, 93-107 | Xing L. (2016). Research on cooperation innovation among enterprises in the strategic emerging industrial cluster, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 93-107. |
| 23 | Hao R., Chang X. | Analysis of the relationship between precipitation and runoff based on smoothing-window-based dependence structure entropy | Multivariate Random Variable, Copula Function, Structure Entropy, Smoothing Window, Relationship between Precipitation and Runoff. | 53, 2, 108-122 | Hao R., Chang X. (2016). Analysis of the relationship between precipitation and runoff based on smoothing-window-based dependence structure entropy, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 108-122. |
| 24 | Ding Y. | The evaluation analysis of tourism public service based on the grey matter element method | The Evaluation Analysis of Tourism Public Service Based on the Grey Matter Element Method. | 53, 2, 123-134 | Ding Y. (2016). The evaluation analysis of tourism public service based on the grey matter element method, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 123-134. |
| 25 | Zhang J.L. | The theoretical research of wake bubble light scattering characteristics | Wake, Bubble Curtains, Mie Scattering, Light Scattering Characteristic, Monte Carlo Simulation. | 53, 2, 135-149 | Zhang J.L. (2016). The theoretical research of wake bubble light scattering characteristics, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 135-149. |
| 26 | Li Y.J. | The mathematical forecast model of Shandong GDP and the analysis of its influencing factors | GDP, GM (1, 1), Forecast, Correlation Degree. | 53, 2, 150-163 | Li Y.J. (2016). The mathematical forecast model of Shandong GDP and the analysis of its influencing factors, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 150-163. |
| 27 | Xue J., Ding C.Q., Yuan J. | The evolutionary game study of knowledge transfer behavior in cooperative crowdsourcing community of innovation | Crowdsourcing, Knowledge Transfer, Evolutionary Game, Network Community, Utility Function. | 53, 2, 164-175 | Xue J., Ding C.Q., Yuan J. (2016). The evolutionary game study of knowledge transfer behavior in cooperative crowdsourcing community of innovation, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 164-175. |
| 28 | Gu J.G. | Research on the technical efficiency and influencing factors of information service industry in China | Information Service Industry, Technical Efficiency, Translog Production Function, Industry Analysis. | 53, 2, 176-187 | Gu J.G. (2016). Research on the technical efficiency and influencing factors of information service industry in China, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 176-187. |
| 29 | Wang G. | The transport environment risk evaluation research of missile container based on grey clustering | Grey Clustering, Weight, Whitenization Weight Function, Environmental Risks, Evaluation. | 53, 2, 188-198 | Wang G. (2016). The transport environment risk evaluation research of missile container based on grey clustering, <i>Advances in Modelling and Analysis A</i> , Vol. 53, No. 2, pp. 188-198. |

Advances in Modelling and Analysis B (ISSN: 1240-4543)

| No. | Authors | Title | Keywords | Vol., No., pages | Citation data |
|-----|---|--|---|------------------|---|
| 1 | Chattopadhyaya A., Chattopadhyay S., Bera J.N., Sengupta S. | Wavelet decomposition based skewness and kurtosis analysis for assessment of stator current harmonics in a PWM-fed induction motor drive during single phasing condition | Discrete Wavelet Transform (DWT), Kurtosis, Skewness, Single Phasing. | 59, 1, 1-14 | Chattopadhyaya A., Chattopadhyay S., Bera J.N., Sengupta S. (2016). Wavelet decomposition based skewness and kurtosis analysis for assessment of stator current harmonics in a PWM-fed induction motor drive during single phasing condition, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 1-14. |

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| 2 | Cucis P.A., Veuillet E., Truy E., Van H.T., Millioz F., Gallego S. | Coding strategy behavior related to microphone integrity in cochlear implants using the recognition of syllables in a noisy environment | Cochlear Implants, CIS and NofM Coding Strategies, Microphone Sensitivity, Simulation, Noisy Environment. | 59, 1, 15-30 | Cucis P.A., Veuillet E., Truy E., Van H.T., Millioz F., Gallego S. (2016). Coding strategy behavior related to microphone integrity in cochlear implants using the recognition of syllables in a noisy environment, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 15-30. |
| 3 | Cuci P.A., Veuillet E., Truy E., Van H.T., Seldran F., Gallego S. | Effect of microphone cleaning on syllable recognition performed by cochlear implant users using the CIS and NofM coding strategies | Cochlear Implants, Cleaning of the Microphone, CIS and NofM Strategies, Cochlear Implant Users, Microphone Sensitivity, Signal to Noise Ratio. | 59, 1, 31-45 | Cuci P.A., Veuillet E., Truy E., Van H.T., Seldran F., Gallego S. (2016). Effect of microphone cleaning on syllable recognition performed by cochlear implant users using the CIS and NofM coding strategies, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 31-45. |
| 4 | Cheng X.M., Zheng B., Hu W.J. | Multiple kernel sphere with large margin for novelty detection | Novelty Detection, Multiple Kernel, Support Vector Data Description, Classification Margin. | 59, 1, 46-61 | Cheng X.M., Zheng B., Hu W.J. (2016). Multiple kernel sphere with large margin for novelty detection, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 46-61. |
| 5 | Zhang Z.J., Pan H.L., Xu G.W. | Research on personalized tourism attractions recommendation model based on user social influence | Social Influence, Personalized Recommendation, Collaborative Filtering, Social Network, Preference Prediction. | 59, 1, 62-75 | Zhang Z.J., Pan H.L., Xu G.W. (2016). Research on personalized tourism attractions recommendation model based on user social influence, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 62-75. |
| 6 | Tang J., Zhang L., Yuan J.N. | Compressive sensing radar based on random chaos | Compressive Sensing, Sensing Matrix, Random Chaos, Restricted Isometry Property, Radar Imaging. | 59, 1, 76-90 | Tang J., Zhang L., Yuan J.N. (2016). Compressive sensing radar based on random chaos, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 76-90. |
| 7 | Zhang F., Sun K. | Tensorial biometric signal recognition based on multilinear PCA plus GTDA | Feature Extraction, Tensor Object, Multilinear Principal Component Analysis, General Tensor Discriminant Analysis. | 59, 1, 91-112 | Zhang F., Sun K. (2016). Tensorial biometric signal recognition based on multilinear PCA plus GTDA, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 91-112. |
| 8 | Bao J., Ye M. | Scale invariant constrained deep network for head pose estimation | Head Pose Estimation, Convolutional Neural Network, Scale Invariant Constrained, Multi-level Regression, Deep Learning. | 59, 1, 113-130 | Bao J., Ye M. (2016). Scale invariant constrained deep network for head pose estimation, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 113-130. |
| 9 | Zhou L., Li Y.T., Chen J., Yang C.S., Deng Z.P. | Modal parameter identification for transmission tower based on point spectrum correlation function of time-frequency distribution | Modal Parameter, Transmission Tower, Point Spectrum Correlation Function, Time-Frequency Distribution. | 59, 1, 131-145 | Zhou L., Li Y.T., Chen J., Yang C.S., Deng Z.P. (2016). Modal parameter identification for transmission tower based on point spectrum correlation function of time-frequency distribution, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 131-145. |
| 10 | Wei C., Bai Y., Chuan L. | Partner selection mechanism of cooperative innovation in project-based supply chain based on the effect of knowledge level | Partner Selection, Cooperative Innovation, Project-based Supply Chain, Knowledge Level. | 59, 1, 146-163 | Wei C., Bai Y., Chuan L. (2016). Partner selection mechanism of cooperative innovation in project-based supply chain based on the effect of knowledge level, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 146-163. |
| 11 | Sun Q., Zhao X.H. | A new subspace based speech enhancement algorithm with low complexity | Speech Enhancement, Subspace Iteration, Eigenvalue and Eigenvector Estimation. | 59, 1, 164-176 | Sun Q., Zhao X.H. (2016). A new subspace based speech enhancement algorithm with low complexity, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 164-176. |
| 12 | Jiang L.Y., Wang Z.W., Xu Y.Y., Liu M.Z., He J. | An improved randomized algorithm for detecting circles | Circle Detection, Candidate Circle, Circle Parameter, Randomized Sampling, False Circle. | 59, 1, 177-188 | Jiang L.Y., Wang Z.W., Xu Y.Y., Liu M.Z., He J. (2016). An improved randomized algorithm for detecting circles, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 177-188. |
| 13 | Li Z.X., Li C., Jue Z. | Multi-objective particle swarm optimization algorithm for recommender system | Recommender System, Collaborative Filtering Recommendation, Multi-Objective Optimization, Particle Swarm Optimization. | 59, 1, 189-200 | Li Z.X., Li C., Jue Z. (2016). Multi-objective particle swarm optimization algorithm for recommender system, <i>Advances in Modelling and Analysis B</i> , Vol. 59, No. 1, pp. 189-200. |

Advances in Modelling and Analysis C (ISSN: 1240-4535)

| No. | Authors | Title | Keywords | Vol., No., pages | Citation data |
|-----|---|--|---|------------------|--|
| 1 | Chekroun S., Abdelhadi B., Benoudjit A. | Design optimization of induction motor using hybrid genetic algorithm "a critical analyze" | Genetics Algorithms, Hybrid, Induction Motor, Efficiency Evaluation, Element Method. | 71, 1, 1-23 | Chekroun S., Abdelhadi B., Benoudjit A. (2016). Design optimization of induction motor using hybrid genetic algorithm "a critical analyze", <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 1-23. |
| 2 | Murali D. | Comparison of adaptive neuro-fuzzy based PSS and SSSC controllers for enhancing power system oscillation damping | ANFIS, Damping Performance, Low Frequency Electromechanical Oscillations, PSS, SSSC, Two-area Power System. | 71, 1, 24-38 | Murali D. (2016). Comparison of adaptive neuro-fuzzy based PSS and SSSC controllers for enhancing power system oscillation damping, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 24-38. |
| 3 | Davidson A.R., Ushakumari S. | Robust H^∞ loop shaping controller for load frequency control of an uncertain deregulated power system | Deregulation, Contract, Unilateral, Bilateral, Contract Violation, Loop Shaping. | 71, 1, 39-59 | Davidson A.R., Ushakumari S. (2016). Robust H^∞ loop shaping controller for load frequency control of an uncertain deregulated power system, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 39-59. |

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| 4 | Kong X.T., Zhu Y.C., Di Y.Q., Cui H.H. | Improvement and parameters optimization of washout algorithm in motion simulator | Stewart Platform, Motion Simulator, Washout Algorithm, Fireworks Algorithm, Parameters Optimization. | 71, 1, 60-73 | Kong X.T., Zhu Y.C., Di Y.Q., Cui H.H. (2016). Improvement and parameters optimization of washout algorithm in motion simulator, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 60-73. |
| 5 | Xiao Y.J., Yang H., Zhu N., Zhang Q.Q., Zhang Z.H. | Design and research of double-pump fly ash conveying system | Pneumatic Conveying, Fly Ash, Double-pump, Constant Pressure Transportation. | 71, 1, 74-91 | Xiao Y.J., Yang H., Zhu N., Zhang Q.Q., Zhang Z.H. (2016). Design and research of double-pump fly ash conveying system, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 74-91. |
| 6 | Guo H.P., Yang F.Z. | Kansei evaluation model of tractor shape design based on GA-BP neural network | Kansei Evaluation, The Tractor Shape, GA-BP Neural Network, Design Element. | 71, 1, 92-109 | Guo H.P., Yang F.Z. (2016). Kansei evaluation model of tractor shape design based on GA-BP neural network, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 92-109. |
| 7 | Chen F., Fu Z.G. | Wind turbine failure risk assessment model based on DBN | Wind Turbine, Failure Risk Assessment, Deep Learning, Big Data, DBN. | 71, 1, 110-124 | Chen F., Fu Z.G. (2016). Wind turbine failure risk assessment model based on DBN, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 110-124. |
| 8 | Liu G.T., Fu M.Y., Du H.P. | Optimal disturbance rejection via feedforward-PD for bilinear systems with external sinusoidal disturbances | Bilinear System, Feedforward-PD Control, Disturbance Rejection, Dynamic Compensation. | 71, 1, 125-137 | Liu G.T., Fu M.Y., Du H.P. (2016). Optimal disturbance rejection via feedforward-PD for bilinear systems with external sinusoidal disturbances, <i>Advances in Modelling and Analysis C</i> , Vol. 71, No. 1, pp. 125-137. |

Advances in Modelling and Analysis D (ISSN: 1291-5211)

| No. | Authors | Title | Keywords | Vol., No., pages | Citation data |
|-----|--|---|---|------------------|---|
| 1 | Boufligha M., Boukhtache S. | A simultaneous solution of the Gilbert equation and its equivalent Landau-Lifshitz-Gilbert equation | Thin Film, Micromagnetic Codes, Magnetization Reversal, Thermal Effects. | 21, 1, 1-18 | Boufligha M., Boukhtache S. (2016). A simultaneous solution of the Gilbert equation and its equivalent Landau-Lifshitz-Gilbert equation, <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 1-18. |
| 2 | Onyeka-Ubaka J.N., Abass O., Okafor R.O. | A generalized t-distribution based filter for stochastic volatility models | Squared Returns, Gaussian, Non-gaussian, Autocorrelation, Generalized T-distribution. | 21, 1, 19-37 | Onyeka-Ubaka J.N., Abass O., Okafor R.O. (2016). A generalized t-distribution based filter for stochastic volatility models, <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 19-37. |
| 3 | Sánchez-Torres J.A., Arroyo-Cañada F.J., Gil-Lafuente J. | Construction of a digital divide index for the study of Latin American countries | Digital Divide, Fuzzy Subsets, Distances, Latin American, Index. | 21, 1, 38-53 | Sánchez-Torres J.A., Arroyo-Cañada F.J., Gil-Lafuente J. (2016). Construction of a digital divide index for the study of Latin American countries, <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 38-53. |
| 4 | Mandal R.K. | Design of basic logic gates using CMOS and Artificial Neural Networks (ANN) | Complementary Metal Oxide Semiconductors (CMOS), Artificial Neural Networks (ANNs), Self-Organizing Map (SOM), Gates. | 21, 1, 54-65 | Mandal R.K. (2016). Design of basic logic gates using CMOS and Artificial Neural Networks (ANN), <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 54-65. |
| 5 | Mandal R.K. | Design of a CMOS "OR gate" using Artificial Neural Networks (ANNs) | Complementary Metal Oxide Semiconductors (CMOS), Artificial Neural Networks (ANNs), OR Gate. | 21, 1, 66-77 | Mandal R.K. (2016). Design of a CMOS "OR gate" using Artificial Neural Networks (ANNs), <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 66-77. |
| 6 | Benyettou L. | Performance evaluation of a multi-sensor system using fixed point DSP for water leak detection | Acoustic Correlation, Fixed-point DSP, Floating Point DSP, Calculation Accuracy, Computation Speed, Simulation. | 21, 1, 78-87 | Benyettou L. (2016). Performance evaluation of a multi-sensor system using fixed point DSP for water leak detection, <i>Advances in Modelling and Analysis D</i> , Vol. 21, No. 1, pp. 78-87. |