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**Journal Name : International Journal of  
Simulation: Systems, Science and Technology  
(IJSST)**

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Manuscript ID	Paper or Article Title	List of Authors name	Year of Publication	Source, Volume, issue and page numbers	County of Publication- Author 1 country of publication
00000-61844	A Numerical Model for Salinity Intrusion Measurement and Control Based on MacCormack Finite Difference Method and Cubic Spline Interpolation	Khemisara Kulmart,Nopparat Pochai,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 12	Thailand
00000-61855	TCP Variant Simulation Performance in 5G mmWave Network	Syafrizal Mahendra Paranaditha,Doan Perdana,Arif Indra Irawan,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 5	Indonesia
00000-61862	Design and Implementation of IoT-Based Blood Pressure Monitoring Tools	Kusvihawan Muhammad Shihab,Doan Perdana,Sussi Sussi,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 6	Indonesia
00000-61931	Text Categorization Based on Inductive Algorithms	T Pravalika ,L V Narasimha Prasad,Madhuri Avula,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 6	India
00000-61938	Modelling Melanin Biosynthesis Pathway with Petri Nets	Mohammed Ashraff Hathibelagal,Reggie Davidrajuh,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 9	Norway
00000-61940	Design of New Fin Baffle Shell and Tube Heat Exchanger for Heating of Biodiesel Fuel Based on Simulation	Barokah Barokah,Semin ,Beny Cahyono,Bambang Sampurno,	2020	International Journal of Simulation: Systems, Science and Technology	Indonesia

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00000-61947	Detecting Emotions in Human Voice	Nineli Lashkarashvili,Lela Mirtskhulava,	2021	21, 1, 1 - 7 International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 5	Georgia
00000-61954	The Emergence of Quaternary-Based Computational-Strata from a Symmetrical Multi-Layered Model of Light	Pravir Malik,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 8	United States
00000-61955	Determining the Optimal Motorization for Low-Cost Tractor	Yassine Zahidi,Mohamed El moufid,Siham Benhadou,Hicham Medromi,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 13	Morocco
00000-61958	Estimating Salmon Price Rise Due to the Increased Presence of Lice Caused by Global Warming: A Petri Net Based Approach	Vegard Valberg,Reggie Davidrajuh,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 6	Norway
00000-61961	On the Convergence of NSGA-II Algorithm to a Single Pareto Optimal Solution with a Continuous and Quadratic Multi-objective Optimization Program	Raimi Aboudou Essessinou,Guy Degla,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 7	Benin
00000-61970	STEM-based Learning Blended with Inquiry-based Learning for Medical Students through Forensic STEM Activities	Narin Nuttavut,Darapond Triampo,Somkid Amornsamankul,Wannapong Triampo,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 7	Thailand
00000-61975	Arabic Hands-on Analysis, Clustering and Classification of Large Arabic Twitter Data set on Covid-19	Abdelrahman Hamdy,Ayman Youssef,Conor Ryan,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 6	Egypt
00000-61978	Fault Diagnosis of Rotating Machine Based on Audio Signal Recognition System: An Efficient Approach	Thabit Sultan Mohammed,Mohammed Aref Abdul Rasheed,Muzhir Shaban Al-Ani,Qeethara Al-Shayea,Firas B. Ismail Alnaimi,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 8	Oman
00000-61984	Understanding the Importance of Efficient Visitor Flow within Tokyo Skytree	Eirik Haraldsen,Karl Ostradt,Reggie Davidrajuh,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 8	Norway
00000-61986	Graph Database Security: Blockchain Solution and Open	Mohammad Shkoukani,Ahmad Mousa Altamimi,	2020	International Journal of	Jordan

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00000-61993	Exploration of Earthquake Early Warning Technology Integrated with CATV	Yu Jie ,Huang Yongming,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 6	China
00000-62000	Development of Extended Enterprise Resource Planning Module for Higher Education of Pakistan: A Case Study of Higher Education	Imran Abdul Rahman Batada,Somsit Duang-Ek-Anong,Naree Aware Achwarin,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 10	Thailand
00000-62003	Business Process Automation: Automating the Analysis of Anomaly Data	Tristan Nolan,Enda Fallon,Paul Connolly,Kieran Flanagan,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 5	Ireland
00000-62007	High Accuracy Dynamic Time Warping with Many-to-Many Technique to Classify Abnormalities of Free Range Cattle	Rattapon Dulyala,	2020	International Journal of Simulation: Systems, Science and Technology 21, 1, 1 - 5	Thailand
00000-62010	Brain-Controlled Wheeled Chair Path Planning for Indoor Environments	Haider Abdulkarim,Mohammed Z. Al-Faiz,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 6	Iraq
00000-62014	Trapezoidal Based Fuzzy Membership Functions for Student Model Design	Salisu Sani,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	Nigeria
00000-62017	An Analysis of the Performance of MAC Buffer Size for Real Time Service Support in Dense MANET Scenarios	Peter Vargovcik,Enda Fallon,	2021	International Journal of Simulation: Systems, Science and Technology 22, 1, 1 - 7	Ireland
00000-62020	Online Preprocessing of Gesture Signs using Background Substructure and Edge Detection Algorithms	Farah F. Alkhalid,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Iraq
00000-62028	Explicit Finite Difference Techniques for a One-Dimensional Water Pollutant Dispersion Model in a Stream	Piyada Phosri,Nopparat Pochai,	2020	International Journal of Simulation: Systems, Science and Technology	Thailand

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00000-62030	Understanding the IKEA Warehouse Processes and Modeling using Modular Petri Nets	Behfar Behzad,Maryam Farzad,Reggie Davidrajuh,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Norway	
00000-62032	A One-Dimensional Mathematical Model of Long-Term Shoreline Evolution with Groin System using an Unconditionally Stable Explicit Finite Difference Method	Pidok Unyapoti,Nopparat Pochai,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 6	Thailand	
00000-62035	Introducing a New Toolbox for Theory of Connection	Reggie Davidrajuh,Chunming Rong,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	Norway	
00000-62038	Colour Feature Extraction for Computer-Aided Art Therapy	Tadahiko Kimoto,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Japan	
00000-62044	Comparison of Methods for Analyzing Shoulder Blades	Wisn Tangwongcharoen ,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 8	Thailand	
00000-62047	Acoustic Noise Classification Using Selective Discrete Wavelet Transform-Based Mel-Frequency Cepstral Coefficient	Salinna Abdullah,Majid Zamani,Andreas Demosthenous,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	United Kingdom	
00000-62052	Traffic Jam Clustering Analysis with Countermeasure Strategies During Traffic Congestion	Lorita Angeline,Renee Ka Yin Chin,Chung Fan Liau,Ismail Saad,Kenneth Tze Kin Teo,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 10	Malaysia	
00000-62056	Financial Statement Audit using Support Vector Machines, Artificial Neural Networks and K-Nearest Neighbor: An Empirical Study of UK and Ireland	Aram Khalaf Nawaiseh,Maysam F. Abbod,Takebumi Itagaki,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	United Kingdom	
00000-62065	VISSIM simulation-based analysis for improving traffic conditions in Bandung Indonesia	Eko Wahyu Utomo,Fadillah Ramadhan,Arif Imran,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 6	Indonesia	
00000-62072	Mathematical Modelling of Diabetes Mellitus and	Entissar Almutairi,Maysam F. Abbod,Takebumi Itagaki,	2020	International Journal of	United Kingdom	

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	Associated Risk Factors in Saudi Arabia			Simulation: Systems, Science and Technology 21, 2, 1 - 7	
00000-62077	Chained QR Keys Generation Based on Chaotic Hybrid Encoding and Fourier Transform Shifting for Image Encryption	Walaa Ali H. Jumiawi,Haider A. Abbas Mohammed,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Lebanon
00000-62078	Dynamic Acceleration Coefficient of Particle Swarm Optimization in Robotics Motion Coordination	Nyiak Tien Tang,Kit Guan Lim,Min Keng Tan,Soo Siang Yang,Kenneth Tze Kin Teo,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 10	Malaysia
00000-62086	Simulation Model of Roadside Service for Smart Travel in Congested Zones	Prasitchai Veerayuttwilai,Suchai Thanawastien,Lin Min Min Myint,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 11	Thailand
00000-62088	Nonlinear Control of a Grid Connected Wind Turbine	Marwa Hassan,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Egypt
00000-62096	Maritime Vessel Tracking Using Wavelet-SIFT Features	Pisanu Kumeechai,Somchat Jiriwibhakorn,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 9	Thailand
00000-62097	On the Performance, Availability and Traffic Control Analysis of Virtualized Servers in Cloud Computing Environment	Mohammad Zaman Hosseini,Yonal Kirsal,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Turkey
00000-62111	Dictionary Construction for Accurate and Low-Cost Subspace Learning in Unsupervised Spike Sorting	Majid Zamani,Salinna Abdullah,Andreas Demosthenous,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	United Kingdom
00000-62116	A Critical Comparative Review of Nature-Inspired Optimization Algorithms (NIOAs)	Ahmed Nasser Ismael,Majida Ali Abed Al-Asady,Hamid Ali Abed Al-Asadi,	2020	International Journal of Simulation: Systems, Science and Technology 21, 3, 1 - 15	Iraq
00000-62124	Detection and Tracking of Pedestrians at Zebra Crossings using a Hybrid Combination of SIFT and Kalman Filter	Pisanu Kumeechai,Somchat Jiriwibhakorn,	2020	International Journal of Simulation: Systems, Science and Technology	Thailand

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00000-62134	Detection of Electrode Proximity to the Cochlea Wall Based on Impedance Variation: a Preliminary Computational Study	Enver Salkim,Majid Zamani,Dai Jiang,Andreas Demosthenous,	2020	21, 3, 1 - 7 International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 4	United Kingdom
00000-62140	Controlling the NSGA-II Algorithm convergence toward a fixed Pareto-optimal solution for the Gross Domestic Product quarterly disaggregation	Raimi Aboudou Essessinou,Guy Degla,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Benin
00000-62141	Determining A Yarn Dyeing Process Configuration Using Response Surface Methodology	Hari Adianto,Darwin ,Alfian Tan,Sani Susanto,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Indonesia
00000-62147	High Availability Solution over Hybrid Cloud Using Failover Clustering Feature	Wagdy A. Aziz,Ziad M. ElMehy,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Egypt
00000-62156	Performance Analysis of a Real-Time Optimization Model for a Mixed Model Stochastic Assembly Line	Rangith Baby Kuriakose,Hermanus Jacobus Vermaak,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	South Africa
00000-62158	Mapping and Visualization of Source Code: A Survey	Nakul Sharma,Prasanth Yalla,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 7	India
00000-62171	Critical Reflections on Outsourcing for a Mobile Communications Company	Ayman M. Amiri,Alfredo Moscardini,Ahmad Mokhtar,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 7	Egypt
00000-62173	Using MobileNetV2 to Classify the Severity of Diabetic Retinopathy	Sarah Sheikh,Uvais Qidwai,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Qatar
00000-62181	Simulation based AGVs Routing Analysis for Internal Logistics in Automotive Manufacturing	Busaba Phruksaphanrat,Chanyanuch Sinsomsak,Praphatsorn Khaoyangyuen,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 9	Thailand
00000-62187	Modelling Trip Generation using Adaptive Neuro-Fuzzy	Sameer Abu-Eisheh,Mohammad Irshaid,	2020	International Journal of	Palestine

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	Inference System in Comparison with Traditional Multiple Linear Regression Approach				Simulation: Systems, Science and Technology 21, 2, 1 - 6	
00000-62192	Spatial and Temporal Shoreline Changes of the Bang Pakong Subdistrict (Thailand) in 2009–2018	Surat Poolsawat,Wannapong Triampo,Somkid Amornsamankul,Busayamas Pimpunchat,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 9	Thailand
00000-62202	A Study of B2B System with Blockchain	Somchai Phattharakuldilok,Suchai Thanawastien,Prinya Tantaswadi,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Thailand
00000-62210	Medical Tourism Marketing Information System	Anan Salem,Suchai Thanawastien,Prinya Tantaswadi,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Thailand
00000-62214	Simulation Analysis of Cognitive Radio Cooperative Networks for Next Generation Technology	A.Z.Yonis ,T. B. Mahmood ,E. H. Younis ,Y. L. Younis ,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	Iraq
00000-62218	B2E Benefit System Architecture	Thepmongkol Keawken,Suchai Thanawastien,Prinya Tantaswadi,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Thailand
00000-62228	Services Recommendation on Intercity Motorway	Precha Prasansri,Suchai Thanawastien,Prinya Tantaswadi,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 5	Thailand
00000-62232	An Improved Defocus Blur with Combined Local Binary Patterns and Nearest Neighbour Technique	A Jyothi Sravani,L V Narasimha Prasad,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	India
00000-62241	Mathematical Model for Gaussian-like Pulse Design for a UWB System Based on the Generalized Bessel Polynomials	Thanavit Anuwongpinit,Varvisa Chutchavong,Chawalit Benjangkprasert,Kanok Janchitrapongvej,	2020		International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 9	Thailand
00000-62243	Comparison of Auditory-Inspired Models Using Machine-Learning for Noise Classification	Salinna Abdullah,Andreas Demosthenous,Ifat Yasin,	2020		International Journal of Simulation: Systems, Science and Technology	United Kingdom

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00000-62246	Development of Thailand Railway Station Management Training System based on SCADA System Simulation	Alongkon Vijittanasan,Thanavit Anuwongpinit,Boonchana Purahong, Vanvisa Chutchavong,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 10	Thailand
00000-62251	A Novel Evolution Optimization Algorithm Using a Multidimensional Geometric Method: Pivot Optimiser	Somsin Thongkrait, Vanvisa Chutchavong,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 11	Thailand
00000-62261	A Comprehensive Security Solution for IOT Network with Integrated Technology of Improved Lightweight Encryption Mechanisms	Nguyen Van Tanh, Ngo Quang Tri ,Nguyen Linh Giang,Duy-Tien Le,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 7	Vietnam
00000-62263	Arabic Speech Emotion Recognition Using KNN and KSUEmotions Corpus	Ali Meftah, Mustafa Qamhan, Yousef A. Alotaibi, Mohammed Zakariah,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	Saudi Arabia
00000-62269	Network Function Virtualization Over Cloud - Disaster Recovery Solution Over Hybrid Cloud	Wagdy A. Aziz, Mina G. Awad,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 7	Egypt
00000-62280	Stability of a Glucose-Insulin and Externally (G-I-E) Regulatory System Model	Wachira Suriyaphongsakun, Kanchana Kumnungkit ,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 6	Thailand
00000-62285	Analysis of Human Glucose Regulatory System Model by Lypunov`s Method	Nattacha Nuwaboot, Kanchana Kumnungkit ,	2020	International Journal of Simulation: Systems, Science and Technology 21, 4, 1 - 5	Thailand
00000-62302	Secured Offline Data Synchronization using Speech Recognition and Artificial Intelligence	Jagadish R M ,L Swarna Jyothi, Aradhana D ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 8	India
00000-62305	The Impact of Communication Protocols within SMART Manufacturing and Their Benefits	Gareth A. Gericke, Hermaan J. Vermaak, Rangith Baby Kuriakose, Madsen Ole,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	South Africa
00000-62313	Virtual Router Cisco Performance Analysis on QEMU	Allysa Larasati, Doan Perdana, Gustommy Bisono,	2019	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Indonesia



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00000-62325	Automatic Angle Recognition in Hallux Valgus	Pablo Izquierdo,Ana Calderon,Glenn Jenkins,Simon Thorne,Ian Mathieson ,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	United Kingdom
00000-62328	Performing Spirometry for Pulmonary Function Test for Non-Pregnant and Pregnant Women by using Different Biomedical Devices	Safa L. Kailan,Sadiq J. Abbas,Abbas F. Al-Hashim,	2019		International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Iraq
00000-62337	Identification of Nasalization (Ghunnah) in Classical Arabic Dialect Using ANN	Ali Meftah,Yousef A. Alotaibi,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 4	Saudi Arabia
00000-62347	Noise Cancellation in Communication Systems using LMS and RLS Algorithms	Amar Alauldeen Abdulmajeed,Alhamzah Taher Mohammed,	2019		International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 8	Iraq
00000-62350	Primitive Time-Domain Classification of J-Junction Defects Indicative of Congenital Diseases Associated with SCD	Jaymie L. Phillips,Stephen John Rees,Tim Bashford,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	United Kingdom
00000-62357	A New Compact Microstrip Antenna for WSN Applications	Israa Majeed Ali,Elaf Ayyed Jebur,Nada Mahdi Kaittan,	2019		International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 4	Iraq
00000-62364	Implementation of a Web Based Campus Virtual Tour for Introducing Telkom University Building	Doan Perdana,Arif Indra Irawan,Rendy Munadi,	2019		International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 6	Indonesia
00000-62367	Short Term Load Demand Forecasting for Transnet Port Terminal (TPT) in East London using Artificial Neural Networks	Mncedisi S Figlan,Elisha D. Markus,	2020		International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	South Africa
00000-62378	Computer Vision Approach for Detection and Extraction of Text from Video Frames using Color Continuity, Color Variations and HV Projections Methods	Ramgoapl Segu,K.Suresh ,	2019		International Journal of Simulation: Systems, Science and Technology	India

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00000-62382	Retailing Analysis Using Hadoop and Apache Hive	Hiba A. Abu-Alsaad ,	2019	20, 1, 1 - 11 International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Iraq
00000-62383	A Novel Improvement of the Performance Coefficient of a Residential Air Source Heat Pump Water Heater	Stephen Tangwe,Kanzumba Kusakana,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 10	South Africa
00000-62392	An Experimental Study to Evaluate the Integration of Various Security Approaches to Secure Transferable Data	Mohammad Shkoukani,Ahmad Mousa Altamimi,Hazem Qattous,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 10	Jordan
00000-62396	Quantitative Assessment of the Impact of Retrofitting an Electric Boiler with an Air Source Heat Pump Unit at University Campus Students Residence	Stephen Tangwe,Kanzumba Kusakana,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 10	South Africa
00000-62398	Mathematical Modelling of Discrete Time Bandlimited Signals for Digital Communication	Vorapoj Patanavijit,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 8	Thailand
00000-62406	MDFP: A Machine Learning Model for Detecting Fake Facebook Profiles using Supervised and Unsupervised Mining Techniques	Mohammed Basil Albayati,Ahmad Mousa Altamimi,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 10	Jordan
00000-62418	Breast Cancer Classification as Malignant or Benign based on Texture Features using Multilayer Perceptron	Nassir H. Salman,Semaa Ibrahim M.Ali,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 11	Iraq
00000-62426	Extending GPenSIM for Model Checking on Petri Nets	Reggie Davidrajuh,Damian Krenczyk,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 8	Norway
00000-62427	Techno-Economic Analysis of a Grid-Connected Photovoltaic with Groundwater Pumped Hydro Storage for Commercial Farming Activities	K. Shirinda ,Kanzumba Kusakana,S.P. Koko ,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	South Africa
00000-62434	Computer Modelling and Simulation of Bilinear	Vorapoj Patanavijit,	2019	International Journal of	Thailand

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	Transformation on the Digital Infinite Impulse Response Butterworth Filter			Simulation: Systems, Science and Technology 20, 1, 1 - 6	
00000-62445	Lifecycle Analysis of a Grid-Interactive Photovoltaic with Battery Storage: Case of South African Residential Loads	Stephen Marais,Kanzumba Kusakana,S.P. Koko ,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 4	South Africa
00000-62453	Reliable Stabilization in T-S Fuzzy Feedback Control Systems through Adaptive Lyapunov Function	Iqbal Ahammed A K,Mohammed Fazle Azeem,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 12	India
00000-62471	Detection of PMSM Inter-Turn Short-Circuit Based on a Fault-Related Disturbance Observer	Ilioudis C. Vasilios,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Greece
00000-62476	A Novel Application of the Manpower Model with Duane Recruitment Process to Human Resource Management	K. Srinivasa Rao,Ch. Ganapathi Swamy,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 7	India
00000-62488	Logistic Regression and KNN Algorithm Experimental Diagnosis to Reduce the Impact of Cardiac Arrest	R.Kannan ,V.Vasanthi ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 6	India
00000-62495	Computer Experiments of Digital IIR Filter Design Procedure using Chebyshev-I Approach and Impulse Invariance Procedure	Vorapoj Patanavijit,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 10	Thailand
00000-62499	Intelligent Predictive Maintenance of Electric Trains in South Africa	Mathalise Mavhungu,Elisha Didam Markus,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	South Africa
00000-62511	Semi-Supervised Machine Learning and Adaptive Data Clustering Approach for Software Defect Prediction	Sumangala Patil,A.Nagaraja Rao,C. Shoba Bindu,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 9	India
00000-62523	Structural Analysis of a Fibre Reinforced Flexible Deep Beam	Joan Mary Jojo,Nayana A ,	2019	International Journal of Simulation: Systems, Science and Technology	India

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00000-62527	Collaborative Filtering Recommendation based on Rating Habits and Items' Attributes	Ghadah Alabduljabbar,Nouf Alrowais,Hafida Benhidou,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Saudi Arabia
00000-62537	Experimental Realization of 2D Chaos Synchronization using Microcontroller ATMEGA 16 and Applied in a Secure PIN Transaction	Anup Kumar Das,Mrinal Kanti Mandal,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	India
00000-62558	An Assessment of the Influence of the Right to a Healthy Environment on the Design of Smart Green Cities	Budiarsih ,Slamet Suhartono,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Indonesia
00000-62569	The Effect of Ultrasonic Vibration Frequency on Double Pipe Heat Exchangers During the Cooling Process	Sudarmadji ,Bambang Sugiyono Agus Purwono,Santoso ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Indonesia
00000-62572	Environment Monitoring in Flammable Climate Zones over IoT Cloud	Lela Mirtskhulava,Lele Tvaliashvili,Avtandil Bardavelidze,Luka Tvaliashvili,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 6	Georgia
00000-62587	Simulation of Vertical Axis Wind Turbine (VAWT) using Turbine Blades NACA 4412 Type	Bambang Sugiyono Agus Purwono,Bambang Irawan,Sudarmadji ,Awan Setiawan,Supriatna A ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Indonesia
00000-62594	A Review of Application Challenges of Digital Forensics	Kenneth Okerefor,Rania Djehaiche,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 7	Nigeria
00000-62597	A Novel Approach for Association Mining Based on Matrix Factorization and Deep Neural Network	Harvendra Kumar,Rakesh Kumar Yadav,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	India
00000-62629	Design and Realization of Autonomous Cars using Deep Q Learning	Danish Ahmad Khan,Sameena Naaz ,Farheen Siddiqui,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	India
00000-62640	Obstacle Detection of Vehicles under Fog	Greeshma G ,Lalithamani Nithyanandham,	2019	International Journal of	India

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00000-62672	Power Generation Balancing in Constrained Deregulated Power Systems using LBF	Luke John Baktha Singh,B.Venkata Prasanth,V. Ganesh ,Ch. V. Suresh ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 10	India
00000-62681	Enhancing IoT Security using Multi-Layer Feedforward Neural Network with Tree Parity Machine Elements	Erekle Shishniashvili,Lizi Mamisashvili,Lela Mirtskhulava,	2020	International Journal of Simulation: Systems, Science and Technology 21, 2, 1 - 5	Georgia
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00000-62713	Developing a Toolbox for Modeling and Simulation of Elevators	Reggie Davidrajuh,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 5	Norway
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00000-62737	A Novel Dual-Band Band-Pass Filter using Plasmonic Square Ring Resonator	P. Osman ,P. V. Sridevi ,K V S N Raju ,	2019	International Journal of Simulation: Systems, Science and Technology	India

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00000-62759	Outdoor Transmitter Localization using Multiscale Algorithm	Oras A.Shareef Al-Ani,Karrar S. Muttair,Mahmood F. Mosleh,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 7	Iraq
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00000-62798	Development of High Accuracy BiCMOS Current-Sensor and Error-Amplifier in Current-Mode DC-DC Boost Converter	Chan-Soo Lee,Dae-Taek Chung,	2019	International Journal of Simulation: Systems, Science and Technology 20, S1, 1 - 6	Republic Of Korea
00000-62814	Customized Mixed Model Stochastic Assembly Line Modelling Using Simulink	Rangith Baby Kuriakose,Hermanus Jacobus Vermaak,	2019	International Journal of Simulation: Systems, Science and Technology 20, S1, 1 - 6	South Africa
00000-62827	A Functional Encryption Technique in UAV Integrated HetNet: A Proposed Model	Diwankshi Sharma,Aabid Rashid,Sumeet Gupta, Sachin Kr. Gupta,	2019	International Journal of Simulation: Systems, Science and Technology 20, S1, 1 - 7	India
00000-62841	Notes Recommendation e-Book System	Abdullellah Abdullah Alsulaimani,Redhwan Nour,Mohammed Abdel Razek,	2019	International Journal of Simulation: Systems, Science and Technology 20, S1, 1 - 5	Saudi Arabia
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00000-63159	Optimization Heuristics for Dynamic Vehicle Routing Problems	Ludovica Adacher,	2019	International Journal of Simulation: Systems, Science and Technology 20, S1, 1 - 7	Italy
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00000-63280	Keyword Based Contextual Dependency Graph Model for Source Code to API Documentation Mapping	Nakul Sharma,Prasanth Yalla,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 9	India	
00000-63289	Mathematical Models of Multi-Rate Signal Processing Concepts for Down/Up Sampling in Multi-State and Poly-Phase Decompositions for DSP and Digital Communication Applications	Vorapoj Patanavijit,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 9	Thailand	
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00000-63398	Extraction of Students` Feedback in University Services using Logistic Regression and Chi-Square Automatic Interaction Detection (CHAID) Algorithm	Maryli F. Rosas,Shaneth C. Ambat, Ace C. Lagman,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 8	Philippines
00000-63409	Developing Applications for Vehicle Routing Problems with Real Time Data Acquisition	Parinya Sanguansat,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 6	Thailand
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00000-63507	Hydraulic Analysis Software Comparison of Water Distribution System at Telkom University Area III	Agus Kusnayat,Syadzwina Sendra Sari,Doan Perdana,Sri Martini ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 6	Indonesia
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00000-63543	Performance Evaluation of VoIP Traffic in 5G Millimeter Wave Network	Nadira Mumtaz,Doan Perdana,Gustommy Bisono,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 6	Indonesia
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00000-63609	A New Cockroach Swarm Optimization Algorithm Using Mixed-Valued Spaces	Ibidun C Obagbuwa,Ademola P Abidoye,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 10	South Africa
00000-63628	A New Data Mining Application to Assess the Impact of Organizational Culture on Performance in Nigeria's Banking Industry	Ibidun C Obagbuwa,Olufunke Oladipupo,Olusegun Atiku,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 7	South Africa
00000-63644	Prediction of Back Muscle Injuries After Golf Swing using Motion Sensored Data, Euler Equation, K-Means Clustering and Z-Score	Wisn Tangwongcharoen ,Surasak Niemcharoen,Wisut Titiroongruang,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 9	Thailand
00000-63658	Non-Invasive Fetal Monitoring: Extraction of Clinical Information of Fetal Electrocardiogram from Abdominal Signals	Rene Jaros,Radek Martinek,Radana Kahankova,Michaela Sidikova,Martina Ladrova,Jan Nedoma,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 5	Czech Republic
00000-63675	Comparison of the Transmission Dynamics of SIR Age Structured Model in Malaria and Dengue	Nisha Budhwar,Sunita Daniel,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 6	India
00000-63684	Soiling Level Identification of Solar PV Panels for	Pongsak Tamkeaw,Prajuab Inrawong,Kaan Kerdchuen,	2019	International Journal of	Thailand

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00000-63707	Software Fault Tolerance: A Theoretical Overview	Omar Anwer Abdulhameed,Israa Abdulameer Resen,Saif A.Abd Al Hussain,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 16	Iraq
00000-63717	Mathematical Modelling of System Functions Based on Linear Difference Equations for Stability, Causality and Inverse Analysis	Vorapoj Patanavijit,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 7	Thailand
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00000-63731	Performance Analysis of Digital FIR LP Filter Implementation based on 5 Window Techniques: Rectangular, Barlett, Hann, Hamming and Blackman	Vorapoj Patanavijit,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 6	Thailand
00000-63741	An Optimum Switching Bilateral Filter for Noise Removal	Kornkamol Thakulsukanant,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 12	Thailand
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00000-63780	Screening of Chronic Kidney Disease Patients Using Gradient Boosted Trees with Grid Optimization	Nuttapol Saenkham,Worawat Sa-ngiamvibool,	2019	International Journal of Simulation: Systems, Science and Technology	Thailand

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00000-63821	Classification and Identification of Diabetic Retinopathy Severity Stages in Thai Patients Using Deep Learning Based Convolution Neural Networks	Weeragul Pratumgul,Worawat Sa-ngiamvibool,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 6	Thailand
00000-63830	The Implications of Value-Based Approach in the Compliance of a Faculty Deliverable: A Lean Project Management Methodology	Arlene Mae C. Valderama,Daniel D. Dasig Jr,Mary Ann B. Taduyo,Mengvi P. Gatpandan,Roel C. Traballo,Paulino H. Gatpandan,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 6	Philippines
00000-63843	Game Development as a Pedagogical Methodology in Learning Related ICT Skills: Perspectives of Freshmen from FEU Institute of Technology	Manuel B. Garcia,Teodoro F. Revano Jr,Beau Gray M. Habal,Jennifer O. Contreras,John Benedic R. Enriquez,Roman M. De Angel, Ace C. Lagman,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
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00000-63864	Prediction of the Generation Capacity of Solar Power Plants in Thailand	Phasapon Manosukritkul,Wisut Titiroongruang,Surasak Niemcharoen,Vilailuck Siriwongrungson,Songkiate Kittisontirak,Kobsak Sriprapha,	2019	International Journal of Simulation: Systems, Science and Technology 20, 3, 1 - 10	Thailand
00000-63881	A Proposed Scheme of Image Hashing to Address Law Enforcement and Evidence from Child Pornography	Maria Rona L. Perez, Ace C. Lagman,John Benedict C. Legaspi,Kirk Alvin S. Awat,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 4	Philippines
00000-63887	Applying Cellular Automata in Finding Vascular Plants Domain	Josephine T. Eduardo,Rolando B. Barrameda,Maryli F. Rosas,Ace Carpio Lagman,Melvin A Ballera,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
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00000-63913	A Speech Therapy Game Application for Aphasia Patient Neurorehabilitation - A Pilot Study of an mHealth App	Manuel B. Garcia,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 9	Philippines
00000-63914	Philippine Government Website: An Evaluation Based on Web Content Accessibility Guidelines 2.0 Employing Reading Level and Daltonization Algorithm for Individual with Color Vision Deficiency	Maricel Landicho Malabanan,Jasmin De Castro Niguidula,Corazon B Rebong,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
00000-63926	An Implementation of Pixel Based Segmentation and Modified Linear Search Algorithm in Blood Typing Characterization	Raymond B Sedilla,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
00000-63931	Implementation of Least Cost Path Analysis and Fuzzy Logic for the Development of Emergency Response Application	Roman M. De Angel,Shaneth C. Ambat,Melvin A Ballera,Jennalyn G. Raviz,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 8	Philippines
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00000-63944	Cloud-based Real-time Bulletin Board Posting Using AngularJS Framework	Joemari Saysay Sabao,Alice M Lacorte,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 10	Philippines
00000-63957	Web based Course Scheduling System using Greedy Algorithm	John Benedict C. Legaspi,Roman M. De Angel, Ace C. Lagman,John Heland Jasper C. Ortega,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
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00000-63968	Comparison of Machine Learning Algorithms in Breast Cancer Prediction using the Coimbra Dataset	Yolanda D. Austria,Jay-ar P Lalata,Lorenzo B. Sta Maria, Jr,Joselito Eduard E. Goh,Marie Luvett I. Goh, Heintjie N Vicente,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 8	Philippines
00000-63974	Student's Admission and Retention Data Analysis System with Data Visualization (SARDAS-DV) for Marketing	Eve Pardilla-Colmo ,Alice M Lacorte,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 10	Philippines
00000-63981	A Mobile Application of a Geo-map Informatics Blast for Emergency Response	Jaime V. Yatco Jr,Praxedis S Marquez,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 7	Philippines
00000-63984	Trash Attack: A 2D Action Puzzle Video Game to Promote Environmental Awareness and Waste Segregation Behavior	Ma. Corazon G. Fernando,Manuel B. Garcia,Maria Vicky S. Solomo, Ace C. Lagman,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 4	Philippines
00000-63991	Real-Time Monitoring of Computer Resources with Predictive Intelligence and Analytics	Marcellano M. Almari,Enrique D. Festijo,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 7	Philippines
00000-63992	iHanda: A Mobile Application for Disaster Preparedness	Ma. Corazon G. Fernando,Maria Vicky S. Solomo, Ace C. Lagman,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 6	Philippines
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00000-63997	The Impact of an Intelligent Tutoring System in Programming: A Case Study in Improving Academic Performance of Student in Tertiary Education	Juliet V Menor,Melvin A Ballera,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
00000-64001	Comprehensive Analysis of Research for Warehouse	Jayson T Guia,Jose B Tan Jr.,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 12	Philippines

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00000-64011	Data Analysis and Visualization of Terrorist Attacks in the Philippines	Abraham Magpantay,Jay arr Buhain,Hadji Tejuco,Jennifer O. Contreras,Elisa Malasaga,Beau Gray M. Habal,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
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00000-64020	Mobile-Based Voice Guidance System for Escape Guide in Case of Emergency	Anthony Aquino,Joferson Bombasi,Eui-Seok Nahm,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 4	Philippines
00000-64021	A Model for Malaria Transmission Dynamics with Varying Human Interaction Coefficients	Nisha Budhwar,Sunita Daniel,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 9	India
00000-64024	Cloud-Based Library System Implementing Responsive Web Design Framework	Sheila Mae R. Bisnar,Alice M Lacorte,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 6	Philippines
00000-64029	Automated E-Chair Controlled using Hand Gesture and Smartphone Application	Abegail S Comandao,Raymond S Macatangga,Londren Umel Velasco,Cris Mabel C Montaos,Ricardo B San Agustin,Willy R Ocampo,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 6	Philippines
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00000-64039	A Cloud- Based Enterprise Application for Coating and Plating Industrial Technology Incorporated with Product Inventory Management and Analysis	Emmanuel D Vargas, Enrique D Festijo,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 6	Philippines
00000-64043	Vehicle Tracking and Monitoring: A Security System for Exclusive Subdivision	Michael George F Lino Jr., Enrique D. Festijo,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 7	Philippines
00000-64044	A Novel Approach to Road Accident Mitigation through Determination of Time to Rest on Monotonous Roads	Daniel Siswanto, Rewmend Bernadi Karim, Sani Susanto,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 5	Indonesia
00000-64050	Text Restoration Model Using OCR and Spelling Correction Algorithms	Anna Liza Ramos, Toblerone Mina, Jeremy Mangilaya Escueta, Donnalyn T Lapasa, Elizabeth T Manaig, John Ace Luiz E. Bagacina,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 8	Philippines
00000-64059	Voice Detection with Noise Reduction using Dynamic Time Warping and Mel-Frequency Cepstral Coefficients Algorithm Applied to Home Automation	Anna Liza Ramos, Michael John Alzona, Ronaldo Legasto Jr., Franz Aerol Salinog, Karlo Lao, Leandro Lamac, Vanessa Mae Balagtas,	2019	International Journal of Simulation: Systems, Science and Technology 20, 2, 1 - 7	Philippines
00000-64064	Driver Drowsiness Detection Based on Eye Movement and Yawning Using Facial Landmark Analysis	Anna Liza Ramos, Jomar Christian Erandio, Dean Hur T. Mangilaya, Nathaniel Del Carmen, Erika May Enteria, Leonilo Jean Enriquez,	2019	International Journal of Simulation: Systems, Science and Technology 20, S2, 1 - 8	Philippines
00000-64070	Evaluation of the Performance of Kirsch and Robinson Methods on Different Color Spaces	Ahmed Saadi Abdullah, Majid Hamid Ali, Mohammed Waleed,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 9	Iraq
00000-64081	Detection of Injury to Grape Leaf Surfaces using Hybrid Mean Shift and Threshold Optimization Algorithm	Duangkamol Dungphonhong, Worawat Sa-ngiamvibool,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 8	Thailand
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00000-64095	Statistical Analysis of an Air Traffic Control Problem	A R Brentnall, R C H Cheng, A Drew,	2021	International Journal of	United Kingdom



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00000-64102	A Reusable Distributed Environment for Nuclear Power Plant Simulators	Manuel Diaz, Daniel Garrido,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 8	Spain	
00000-64114	A Simple, Cheap and Effective Lower Limb Prosthesis for Use by Landmine Victims in the Third World	G. Pearce ,K. Kibble ,M. Zorn ,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 5	United Kingdom	
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00000-64122	A Comparison of Machine Learning Algorithms and their Applications	Jiraporn Charoenpong, Busayamas Pimpunchat, Somkid Amornsamankul, Wannapong Triampo, Narin Nuttavut,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 17	Thailand	
00000-64123	Generalised Analysis of Buffer Management in Heterogeneous Multi-Service Mobile Networks	Khalid Al-Begain, Irfan-Ullah Awan,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 6	United Kingdom	
00000-64126	A Discrete-Time Performance Model for Congestion Control Based on Random Early Detection Using Queue Thresholds	L. Guan ,M. E. Woodward ,Irfan-Ullah Awan,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 6	United Kingdom	
00000-64129	A Review of Modelling and Computer Simulation of Landfill Gas	Sirimangkhal, K ,Busayamas Pimpunchat, Somkid Amornsamankul, Narin Nuttavut, Wannapong Triampo,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 9	Thailand	
00000-64130	Modelling A Single Gsm/Gprs Cell With Delay Tolerant Voice Calls Using Mosel-2	P. Wuchner ,Khalid Al-Begain, J. Barner ,G. Bolch ,	2021	International Journal of Simulation: Systems, Science and Technology	United Kingdom	

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00000-64135	The Broadband Platform: Streamed 3d Interactive Mixed Media in the Home	M. Price ,B. Weir ,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 4	United Kingdom
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00000-64139	A Closed-Loop Temperature Control System by Utilizing A Labview Custom-Design PID Controller	Mohammad A.K Alia,Mohammad K Abu Zalata,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 6	Jordan
00000-64144	Depth of Field Algorithms for More Realistic Simulations	Daniel Rhodes,Richard Cant,David Al-Dabass,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 8	United Kingdom
00000-64145	SPICE Model Extraction Parameters of Gamma Irradiation on Drain Current and Threshold Voltage of N-Channel MOSFETs	Amonrat Kerdpradist,Anucha Ruangphanit,Wisut Titiroongruang,Rangson Muanghlua,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 6	Thailand
00000-64148	Distributed Data Models Using Xml Based Client Server Communication and Soap	Esther Boal,Taha Osman,David Al-Dabass,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 9	United Kingdom
00000-64154	Simulation and Control of Siphon Petri Nets for Manufacturing Systems	Mowafak Hassan Abdul-Hussin,	2019	International Journal of Simulation: Systems, Science and Technology 20, 4, 1 - 7	Iraq
00000-64159	An Intelligent System Model of the Piano Tuner	Jack Saunders,Alan Battersby,David Al-Dabass,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 6	United Kingdom
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00000-64167	A Hybrid Genetic Alternative to Game Tree Search in Go	Julian Churchill,Richard Cant,David Al-Dabass,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 6	United Kingdom
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00000-64180	An Application of Image Processing Technology in Counting Rebars as an Alternative to Manual Counting Process	Mikale Rizton Ablidas,Armil Monsura,Lhora Anne Ablidas,Jesse Dela Cruz,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 9	Philippines
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00000-64206	Dynamic Source Routeing in Bluetooth Personal Area Networks	A.B. Mirza ,J.K. Pollard ,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 3	United Kingdom
00000-64211	Performance Evaluation of Smart Security System Prototype based on Radio Frequency Identification (RFID) and Internet of Things (IoT)	Doan Perdana,Muhamad Ihsan,Rendy Munadi,Sussi Sussi,Nurwulan ,	2019	International Journal of Simulation: Systems, Science and Technology	Indonesia

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00000-64254	Discrete Entity Simulation in Industry	Neil Bowerman,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 4	United Kingdom
00000-64260	Performance Evaluation of RSS Fingerprinting for Indoor Location using LoRa	Irsan Taufik Ali,Abdul Muis,Riri Fitri Sari,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 7	Indonesia
00000-64265	Simulation of Network Systems Based on Loop Flows Algorithms	Corneliu Arsene,Andrzej Bargiela,David Al-Dabass,	2021	International Journal of Simulation: Systems, Science and Technology 22, 2, 1 - 8	United Kingdom
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00000-64286	Shunt Active Power Filter Control using Adaptive Algorithms NLMS and QR-RLS	Radek Martinek,Jaroslav Rzidky,Rene Jaros,Lukas Danys,Petr Bilik,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 7	Czech Republic
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00000-64302	Optimal Placement of Thyristor Controlled Series Compensator in IEEE 57 and IEEE 118 Bus Systems to Reduce Transmission Loss using ABC Algorithm	Y. V. Balarama Krishna Rao,R. Srinivasa Rao,V. V. K. Reddy ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 1, 1 - 8	India
00000-64303	Technology Readiness for Internet of Things (IoT) Adoption in Smart Farming in Thailand	Somsit Duang-Ek-Anong,Soonthorn Pibulcharoensit,Thawan Phongsatha,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 6	Thailand
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00000-64315	Design and Development of an Efficient and Cost Effective ECG Simulator Capable of Generating Normal and Pathological ECG Signals	Muhammad Shafique,Ayesha Naeem,	2018	International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 7	Pakistan
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00000-64321	Multiobjective Evolutionary Algorithm for Hybrid Cooperative Spectrum Sensing in Cognitive Radio Networks	Ayman A. El-Saleh,Mahmoud A. M. Albreem,Ibraheem Shayea,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 7	Oman
00000-64326	Queuing Impact on VoIP Quality of Service (QoS) in Telecom Networks	Wagdy Anis Aziz,	2019	International Journal of Simulation: Systems, Science and Technology 20, 5, 1 - 5	Egypt
00000-64335	Performance Analysis of Bi-Orthogonality based Systems for 5G Internet of Machine Critical Things Communications	Ravi Sekhar Yarrabothu,Usha Rani Nelakuditi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 5	
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00000-64357	Genetic Algorithms to Estimate the Pressure Deviations in Dynamic Transients of the Pressurizer Response in PWRs	Shaymaa A. Mahdi,Nibal Fadel Farman,Zeina Ali Abdul Redha,	2018		International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 12	Iraq
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00000-64373	Application of Simulation Modelling and Numeric Methods to the Analysis of Construction Corporations	Konstantin Aksyonov,Eugene Bykov,Olga Aksyonova,Natalia Goncharova,Irina Pelymskaya,	2019		International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 6	Russia
00000-64385	Single Board Computer Performance Comparison Analysis in Software Defined Network Architecture Model Implementation	Ridha Muldina Negara,Rohmat Tulloh,	2019		International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 6	Indonesia
00000-64389	Design and Analysis of Zeroth-Order Resonator-Coplanar Waveguide Antenna using CRLH-TL Metamaterial	Sadiq Ahmed,	2018		International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 8	Iraq
00000-64395	Analysis of Soil Substance Measurement System Based on Internet of Things (IoT) with Star Topology Network	Doan Perdana,Riyan Hadi Putra,Ongko Cahyono,Gustommy Bisono,	2019		International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 5	Indonesia
00000-64403	Aid Replenishment Strategy during Demand Increment On Humanitarian Logistics Relief	Paulina Ariningsih,Alfian Tan,Sani Susanto,	2018		International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 7	Indonesia
00000-64409	Modelling Passengers Flow at Hajj Terminal in Jeddah	Abdullah Alrabghi,	2019		International Journal of Simulation: Systems, Science and Technology	Saudi Arabia

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00000-64430	Sign Language Hand Gesture Recognition Using Autoencoder and Support Vector Machine Classifiers	Aida Abd El-Mohsen,Eman El-Daydamony,Fatma E.Z. Abou-Chadi,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 9	Egypt
00000-64443	Robust Authentication Using Fast and Self Consistent Estimation for the Match Score Fusion	Long Binh Tran,Thai Hoang Le ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 11	Vietnam
00000-64447	A New Method for Full Reference Image Blur Measure	Mahmoud Elsayed,Fawaz Sammani,Abdelsalam Hamdi,Asem Albaser,Haitham Babalghoom,	2018	International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 5	Malaysia
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00000-64467	Operational Modeling for Digital Twins using the Formal Simulation Model Configuration Framework	Ulrich Dahmen,Tobias Osterloh,Jurgen Robmann,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 9	Germany
00000-64484	LI-PAMB: Low Complexity Implementation of Power and Area-efficient Modified Baugh Wooley Multiplier using Exact Computing	T. Thanmai ,Ch. Nandini ,N. Pooja ,JVR Ravindra ,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 6	India
00000-64485	A Portable Photovoltaic Powerplant for Emergency Electrical Power Supply in Disaster Affected Areas	Indra Riyanto,Suparmoko ,Ade Octaviano,Budi Santoso,	2018	International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 5	Indonesia
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00000-64501	Discrete Multi-Valued Search Space Algorithm based on Cockroach Swarms	Ibidun C Obagbuwa,		2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 4	South Africa
00000-64508	A Review of Advances in Pressurizer Response Research for Pressurized Water Reactor Systems	Nibal Fadel Farman,Shaymaa A. Mahdi,Zeina Ali Abdul Redha,		2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 11	Iraq
00000-64521	Analysis and Evaluation of Information Credibility Based on Big Data	Yao Junping,Fan Shouxiang,Li Xiaojun ,Zhang Cuiping,		2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 5	China
00000-64523	An Enhanced Gene Selection Methodology for Effective Microarray Cancer Data Classification	Dilwar Hussain Mazumder,Ramachandran Veilumuthu,		2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 7	India
00000-64535	Swarm Intelligence Algorithms and Applications to Real-world Optimization Problems: A Survey	Ibidun C Obagbuwa,		2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 8	South Africa
00000-64541	A Non-dimensional Mathematical Model of Salinity Measurement in the Chaophraya River Using an Unconditionally Stable Finite Difference Method	Nataya Camcoon,Nopparat Pochai,		2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 7	Thailand
00000-64545	Broken Authentication and Session Management Vulnerability: A Case Study Of Web Application	Maruf Hassan,shamima Sultana Nipa,Marjan Akter,Rafita Haque,Fabiha Nawar Deepa,Mostafijur Rahman,Asif Siddiqui,Hasan Sharif,		2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 11	Bangladesh
00000-64558	Classification using Feature Extraction of Leaf Based on Neural Network Algorithm with K-Nearest Neighbor and Supervised Learning	Fauziah Nasir Fauziah,Faris Helmi,		2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 7	Indonesia
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00000-64603	Application of Layered Models Technique for Simulation of Surface Acoustic Wave Devices	Dmitry Lukyanov,Alexander Kukaev,Sergey Shevchenko,Stephane Paquay,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 11	Russia
00000-64633	Speed Effect on the Performance of Vertical Handover in Wifi-3G Network	Hassan Khalil,Mohammad Hamarsheh,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Palestine
00000-64636	A Novel Study of Contact Characteristics between Tire and Paved Road Surface using Pressure Film Technology	Nie Wen ,Bo Chen ,Li Wei-Xiong ,Zhang Xiao-Ning,Zhou Pei,Xiong Chun-Long,	2019	International Journal of Simulation: Systems, Science and Technology 20, 6, 1 - 11	China
00000-64647	Effectiveness of Tuned Q-factor Wavelet Transform in Emotion Recognition among Left-brain Damaged Stroke Patients	Bong Siao Zheng,Wan Khairunizam,Murugappan Murugappan,Shahriman AB ,Zuradman M Razlan,Zunaidi Ibrahim,Choong Wen Yean,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	Malaysia
00000-64654	A Secure Loading Routing Protocol in IOT using Block Chain Technology	Suresh Mundru,K Meena ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 5	India
00000-64663	Advances in Automated Volume Analysis based on Large Scale Pointclouds	Daniel Stojcsics,Zsolt Domozi,Andras Molnar,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Hungary
00000-64666	An Intrusion Detection System for Network Security based on an Advanced Honeypots Server	K. Veena ,K. Meena ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64673	A Hybrid Approach to the Classification of Brain Tumours from MRI Images using Fast Bounding Box Algorithm	E.Murali ,K. Meena ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64681	Performance Evaluation of Cyber Criminal Detection	K. Veena ,K. Meena ,	2018	International Journal of	India

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00000-64698	A Study of Chance-Corrected Agreement Coefficients for the Measurement of Multi-Rater Consistency	Zheng Xie,Chaitanya Gadepalli,Barry M.G. Cheetham,	2018	International Journal of Simulation: Systems, Science and Technology 19, 2, 1 - 9	United Kingdom
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00000-64704	Two-Wheeled Wheelchair Stabilization Using Interval Type-2 Fuzzy Logic Controller	N. F. Jamin ,N. M. A. Ghani ,Z. Ibrahim ,M. F. Masrom ,N. A. A. Razali ,A. M. Almeshal ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Malaysia
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00000-64706	Fog Computing-Based Model for Mitigation of Traffic Congestion	Thabit Sultan Mohammed,Omer F. Khan,Ahmmed S. Ibrahim,Rustom Mamlook,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Oman
00000-64716	A Time Oriented Flow Inference Model Based on Low Rate DDoS Attack Detection for Improved Network Security	A.Surendar ,S. K. Sadulla ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 5	India
00000-64728	Filter Based Data Deduplication in Cloud Storage using Dynamic Perfect Hash Functions	B. Tirapathi Reddy,M. V. P. Chandra Sekhara Rao,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64732	Probabilistic Load Flow Analysis of Power System Network Considering Uncertainty with Generation and Correlated Loads	Li Bin ,Muhammad Shahzad,Qi Bing ,Nabeel Abdelhadi Mohamed Fahal,Muhammad Umair Shoukat,Md. Rabiul Islam,Muhammad Ahsan,	2018	International Journal of Simulation: Systems, Science and Technology	China

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00000-64739	An Intelligent Storage Optimization Technique for Heterogeneous Hadoop Clusters	N. S. Kalyan Chakravarthy,N.Sudhakar ,Edara Srinivasa Reddy,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 6	India
00000-64743	Implementing Content Based Video Retrieval Using Speeded-Up Robust Features	Jos Timanta Tarigan,Poltak Sihombing,Evi P. Marpaung,	2018	International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 5	Indonesia
00000-64746	Grey Systems, Grey Models and Their Roles in Data Analytics	Yingjie Yang,Sifeng Liu,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	United Kingdom
00000-64749	An Improved Bat Algorithm for Software Cost Estimation	Deepak Nandal,Om Prakash Sangwan,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 9	India
00000-64765	Speaker Recognition using Audio Spectrum Projection and Vector Quantization	Bikram Kar,Avishek Dey,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 7	India
00000-64768	Traffic Congestion and Speed Assessment using Image Processing Technology Accessible via Internet through Smart Devices	Joy N. Carpio,Jonrey V. Ranada,Marlon Bagara,John Jayson R. Guadalupe,Christopher Louie O. Landrito,Alexandra Michaela J. Hilado,Kimberly Mae L. Ilano,Jeanne Danielle R. Farala,Ma.Rochelle C. Doringo,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	Philippines
00000-64778	Evaluation of Dual Rail Complete Detection Circuitry using Asynchronous Delay Insensitive Frameworks	J. Sudhakar ,A.L. Durga ,K. Sushma ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	India
00000-64785	Modelling and Simulation of Isolated Traffic Control Strategies in TraffSim	Manuel Lindorfer,Christian Backfrieder,Gerald Ostermayer,Christoph F. Mecklenbrauker,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	Austria
00000-64789	A Structural Response Logger with Anomaly Detection using a MEMS-based System	Joy N. Carpio,Bianca Flor C. Geron,Aeron Jaeco D. Paez,Maila R. Angeles,Darrel John M. Manlugon,Samantha Nicole C. Samodio,Arnil S. Monsura,Bianca Marie F. Quitaleg,Harold Christian O. Tamayo,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	Philippines
00000-64796	Experimental and Numerical Thermal Study of Triple	Mohammad Aqeel Saraireh,	2018	International Journal of	Jordan

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00000-64799	Eye-Controlled Wheelchair using Infrared Detection	Raymond Joseph Meimban,Arnil S. Monsura,Jonrey V. Ranada,Alexa Ray R. Fernando,	2018		International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	Philippines
00000-64808	Combination of Motion History Image and Approximated Ellipse Method for Human Fall Detection System	Elvira Sukma Wahyuni,Mohd Brado Frasetyo,Hendra Setiawan,	2018		International Journal of Simulation: Systems, Science and Technology 19, 1, 1 - 6	Indonesia
00000-64813	Using ANOVA to Evaluate the Effects of Swine Slaughterhouse Wastewater Conditions on Algae Growth	Achara Sorrnery,Busayamas Pimpunchat,Daranporn Tuntiwarasakul,Pongpatai Kitrunloadjanaporn,Somkid Amornsamankul,Wannapong Triampo,	2018		International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	Thailand
00000-64824	A Novel Droop-Logistic Model for Microorganism Population Studies	Patch Thongthaisong,Wannapong Triampo,Somkid Amornsamankul,	2018		International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 6	Thailand
00000-64833	A Cost-effective Fish Pond Monitoring and Warning System Using Thermal Probe	Joy N. Carpio,Joseph C. Nalunat,John Caleb T Banares,Alexa Ray Fernando,Jeck Alexis O. Jurado,Saira Jane N. Bayang,Chester F. Dizon,Cienne Mae G. Valerio,Jethro S. Marasigan,	2018		International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 4	Philippines
00000-64838	Modelling Greenhouse Gas Generation for Landfill	Sirimangkhal, K ,Busayamas Pimpunchat,Somkid Amornsamankul,Wannapong Triampo,	2018		International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 7	Thailand
00000-64851	Efficient Soft Sensor Modelling for Advanced Manufacturing Systems by Applying Hybrid Intelligent Soft Computing Techniques	Ali Al-Jlibawi,Mohammad Lutfi Bin Othman,Muayed S.Al-Huseiny,Ishak Bin Aris,Samsul Bahari,	2018		International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Malaysia
00000-64854	A New Optimization Approach to Resource Distribution using Semi-Supervised Learning Graphs	Mubarak Banisakher,Derek Mohammed, Van Nguyen,	2018		International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 7	United States
00000-64858	A Self-Organizing Map, Machine Learning Approach to Lithofacies Classification	Lan Mai-Cao,Chau Le ,	2018		International Journal of Simulation: Systems, Science and Technology	Vietnam

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00000-64859	Performance of DPFC using ANN and Comparison with PI Controllers	D Narasimha Rao,P. Srinivasa Varma,	2018	19, 3, 1 - 6 International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64863	Noise Cancellation in Gamelan Signal by Using Least Mean Square Based Adaptive Filter	Mamba`us Sa`adah,Diah Puspito Wulandari,Yoyon Kusnendar Suprpto,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 5	Indonesia
00000-64869	Preliminary Validation of UWB Through-Rubble Detection Measurements for Quasi Real Time Detection of Trapped Survivors	Tareq F. A. Zanoon,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 6	Palestine
00000-64871	A Novel Framework for Road Transportation Systems using Cloud Computing	Md. Rafeeq ,C. Sunil Kumar,N. Subhash Chandra,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64880	Towards the Development of a Smart Photovoltaic-Powered Temperature Controlled Poultry Egg Incubator	Ronaldo C. Maaño,Enrico Chavez,Roselyn A. Maano,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 5	Philippines
00000-64882	Implementation of Multi-hop Technique in Dec Protocol	Habibulla Mohammad,A.S.ChandrasekharaSastry ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 9	India
00000-64891	A Hybrid Linear Kernel with PCA in SVM Prediction Model of Tamil Writing Pattern	Thendral Tharmalingam,Vijaya Vijayakumar,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 8	India
00000-64894	OSCRUM: A Modified Scrum for Open Source Software Development	Sheikh Shah Mohammad Motiur Rahman,Saiful Alam Mollah,Shikha Anirban, Md. Habibur Rahman,Mostafijur Rahman, Md. Maruf Hassan,Md. Hasan Sharif,	2018	International Journal of Simulation: Systems, Science and Technology 19, 3, 1 - 7	Bangladesh
00000-64902	Integration of Risk Engineering by ISO 31000 and Safety Engineering: A Case Study in a Production Floor of Sport Footwear Industry in Indonesia	Paulus Sukapto,Desena J.D.H ,Paulina K. Ariningsih,Sani Susanto,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 12	Indonesia
00000-64906	MCHS Design Using Fluid Distribution Analysis in	M. N. Mazlan ,Y. Husaini ,	2018	International Journal of	Malaysia

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00000-64916	Assessment of the Effect of Anti-Capsizing Airbag on Ship Stability	Wenhua Li,Peiji Long,Haiquan Chen,Yuqing Sun,Xutuo Dai,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 5	China
00000-64917	Signed Product Cordial Labeling for Some Families of Graphs	B.Vasuki ,L.Shobana ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 6	India
00000-64925	Robust Design of Horn Shaped Piezo-Resistive MemS Pressure Sensor	R Kumar ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 5	India
00000-64930	Modelling of Indoor Light Energy Harvesting for IoT	Ranjeeta Ragunathan,Micheal Drieberg,Azrina Abd Aziz,Patrick Sebastian,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 5	Malaysia
00000-64938	A Novel Approach in Clustering Supervised Learning (CSL) for Recommender Systems	K. A. Balasubramaniam ,M. Chidambaram ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 4	India
00000-64942	Evaluation of Design Efficiency using Boothroyd Dewhurst Method for PCB Drilling Machine Products	Aqmal Idham Abdul Shukor,Asrul Adam,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 8	Malaysia
00000-64947	Network Recovery using an Automatic Error Recovery Network Approach	Dileep Kumar Gopaluni,R Praveen Sam,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 7	India
00000-64954	Biometric Anti-spoofing Technique Using Randomized 3D Multi-Modal Traits	Kenneth Okerefor,Oliver Osuagwu ,Clement Onime,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 8	Nigeria
00000-64959	Distance Evaluated Simulated Kalman Filter Algorithm for Peak Classification of EEG Signals	Asrul Adam,Badaruddin Muhammad,	2018	International Journal of Simulation: Systems, Science and Technology	Malaysia

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00000-64969	An Improved Numerical Model of the High Energy Gas Fracturing (HEGF) Process	Lan Mai-Cao,Phuong Nguyen,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Vietnam
00000-64981	A Novel Servo Motor Vector Technique for the Control of Industrial Robots	Xinhua Yan,Xinxing Yan,Kezhi Zhang,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 11	China
00000-64982	Pharmacoeconomics as a Management and Financial Strategy in Healthcare and Simulation as a Decision Making Tool for it: The Case of Ozone Therapy	Marco Remondino,Marianno Franzini,	2018	International Journal of Simulation: Systems, Science and Technology 19, 4, 1 - 10	Italy
00000-64987	An Optimization Algorithm for Direct Torque Control of Industrial Robot Servo Motors	Xinhua Yan,Xinxing Yan,Kezhi Zhang,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 10	China
00000-65003	A Novel Optical Hard Limiter Architecture for All-Optical Digital Processor Implementation	S. R. Abdollahi ,H. S. Al-Raweshidy ,T. J. Owens ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 9	Iran
00000-65017	Network Based Model of Infectious Disease Transmission in Macroalgae	Navavat Pipatsart,Wannapong Triampo,Charin Modchang,Somkid Amornsamankul,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 8	Thailand
00000-65026	A Polynomial-Time Alpha-Algorithm for Process Mining	Albana Roci,Reggie Davidrajuh,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Norway
00000-65035	A Data Mining Framework to Analyze Road Accident Data using Map Reduce Methods CCMF and TCAMP Algorithms	S. Nagendra Babu,J. Jebamalar Tamilselvi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	India
00000-65055	A New Approach to the Assessment of the Safety	Paulus Sukapto,Harjoto Djojoseobroto,Bonita ,Sani Susanto,Paulina K.	2018	International Journal of	Indonesia



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	Environment and Performance in the Footwear Industry	Ariningsih,			Simulation: Systems, Science and Technology 19, 5, 1 - 7	
00000-65077	Mathematical Modelling of Wind Turbine Power Curve	Alhassan Ali Teyabeen,Fathi Rajab Akkari,Ali Elseddig Jwaid ,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 13	Libyan Arab Jamahiriya
00000-65092	Enterprise Architecture Adoption for Higher Education Institutions	Samar Alamri,Manal Abdullah,Adnan Albar,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 8	Saudi Arabia
00000-65093	Simulation, Implementation and Validation of an On-Board Battery Charging Device for Electric Vehicles using Solely Drivetrain Components	Dennis Muellner,Andreas Schramm,Marco Meyer,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Germany
00000-65094	A Cloud-Based Computing Architecture Model of Post-Disaster Management System	Mubarak Banisakher,Derek Mohammed,Marwan Omar,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	United States
00000-65097	Simulation of Blood Clot Removal by Aspiration Thrombectomy in Cerebral Vessels using Geometry Optimization of the Aspiration Device	Carlos Talayero,Gregorio Romero,Gillian Pearce,Julian Wong,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 6	Spain
00000-65112	A MULTI-AGENT APPROACH FOR THE SELF-OPTIMIZATION OF STEEL PRODUCTION	Vincenzo Iannino,Marco Vannocci,Marco Vannucci,Valentina Colla,Marcus Neuer,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Italy
00000-65127	A Simple Geometrical-Based Calibration Technique for 3D Scanners with Rotating Platform	Wagner Wispel,Renato Machado,Fabio M Bayer,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 6	Brazil
00000-65134	Computation of the Insurance Premium for Cloud Services Based on Fourth-Order Statistics	Maurizio Naldi,Alessandro Mazzoccoli,	2018		International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 6	Italy
00000-65149	Automated Scenario Generation for Training of Humanitarian Responders in HighRisk Settings	Ahmed A Abdelgawad,Nadia Noori,Tina Comes,	2018		International Journal of Simulation: Systems, Science and Technology	Norway

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00000-65163	Smart Data Pre-Processing Modules and Graphical User Interfaces for Machine Learning Tasks	Silvia Cateni,Antonio Ritacco,Vincenzo Iannino,Valentina Colla,Marco Vannucci,Stefano Dettori,	2018	19, 5, 1 - 9 International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Italy
00000-65179	Human Gait Recognition Using Skeleton Joint Coordinates With Orthogonal Least Square and Locally Linear Embedded Techniques	Rohilah Sahak,Nooritawati Md Tahir,Ahmad Ihsan Mohd Yassin,Fadhlan Hafizhelmi Kamaruzaman,Ali Al Misreb,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 9	Malaysia
00000-65189	Comparison and Evaluation of Cloud Processing Models in Cloud-Based Networks	Ghaida Muttashar Abdulsahib,Osamah Ibrahim Khalaf,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 6	Iraq
00000-65201	A Novel Fuzzy Inference Approach to Models of Taxation Optimization by Transfer Prices	Larisa Grundel,Aleksandr Gurnak,Irina Zhuravleva,Mikhail Yumaev,Mikhail Danilkevich ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 5	Russia
00000-65213	Modelling the Trajectory of Implementing the Offshore Mechanism of Taxation Optimization Within the Conditions of International Tax Competition	Larisa Grundel,Aleksandr Gurnak,Irina Zhuravleva,Mikhail Yumaev,Liudmila Danilkevich,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 4	Russia
00000-65221	Simulated Evaluation of Adaptive Median Filter for Noise Removal on SPN and Random-Valued Impulse Noise	Vorapoj Patanavijit,Kornkamol Thakulsukanant,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 10	Thailand
00000-65231	A Velocious SI-SR Approach Organized on Edge Prediction with An Adaptive Myriad Function	Vorapoj Patanavijit,Kornkamol Thakulsukanant,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 7	Thailand
00000-65247	A Critical Assessment of Advanced Coding Standards for Lossless Audio Compression	Tonny Hidayat,Mohd Hafiz Zakaria,Ahmad Naim Che Pee,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 10	Indonesia
00000-65260	Measurement Noise Analysis of Marginalized Particle Filter for Target Tracking Applications	Sanil Jayamohan,Santhi Nagarajan,Ramar Kadarkaraiyandi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 14	India
00000-65280	Mathematical Modelling of Long-Term Venture Capital	Mihail Nikolaevich Dudin,Nikolay Vasilyevich Lyasnikov,Shamil	2018	International Journal of	Russia

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	Funding of Start-Up Enterprises	Beslanovich Hambazarov,Sergey Mikhailovich Kuleshov,Mariya Vladimirovna Belyaeva,		Simulation: Systems, Science and Technology 19, 5, 1 - 4	
00000-65302	Online Game Server Framework for Creating Platformer Games	Kholid Fathoni,Rizky Yuniar Hakkun,Nana Ramadijanti,Achmad Basuki,Ruben Trisanjaya,	2018	International Journal of Simulation: Systems, Science and Technology 19, 5, 1 - 5	Indonesia
00000-65336	Automation of Hydraulic Active Suspension System using Harmony Search Algorithm Tuned FOPID	Udayakumar Durairaj,V. Murugananthan ,Nurulanis Mohd Yusoff,Banupriya Balasubramanian,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	Malaysia
00000-65350	Hybridization of PSO-ABC Based Ensemble Classification Model for High Dimensional Medical Datasets	G. Lalitha Kumari,N. Naga Malleswara Rao,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India
00000-65360	Hybrid Beamsteering of Ka-Band Array-Fed Reflector Antenna for Satellite Communication Links	S.S.S Kalyan ,K.Ch. Sri Kavya ,Sarat K Kotamraju,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 5	India
00000-65371	A Systematic Analysis of Load Balancing in Cloud Computing	Akhila Bezawada,Surya Teja Marella,T Gunasekhar ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India
00000-65390	HDFS Pipeline Reconstruction to Avoid Data Loss	Purnachandra Rao. B,Nagamalleswara Rao. N,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 8	India
00000-65400	Statistical Anatomizing and Visualization of Data for Planning and Decision Making using POSTGRES and GIS Tools	Asha Kiran M,M. Sreedevi ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 6	India
00000-65417	Feature-Based Robust Image Watermarking Using DTT and SVD for Copyright Protection	J L Divya Shivani,Ranjan K. Senapati,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 12	India
00000-65431	A Novel LISS-III Swath Extension through Wider AWiFS Swath and SVM Training and Learning	Radhika Kammili,Venkateswara Rao Chandu,Kamakshi Prasad Valurouthu,	2018	International Journal of Simulation: Systems, Science and Technology	India

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00000-65442	Enhancement of Performance and Economy of Data Centers by Virtualization	Surya Teja Marella,K Karthikeya ,V Sai Kushwanth,Akhila Bezawada,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 8	India	
00000-65448	A Novel Crow Search based Strategy for Maximum Power Point Tracking of Wind Turbines Driven by Doubly Fed Induction Generator	C. Centhil Kumar,I. Jacob Raglend,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 5	India	
00000-65468	An Effective Surface Defect Detection Method Using Adaptive Thresholding Fused With PSO Algorithm	Yasir Aslam,Sanathi Nagarajan, Ramasamy N ,Ramar Kadarkaraiyandi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India	
00000-65482	Design and Assessment of a Mathematics Module in Line with TIMSS	Ahmed Hamzah Abed AL-Ubodi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	Iraq	
00000-65493	Semi-Supervised Change Detection Method using Phase Congruency and Local Binary Pattern (PC-LBP)	Dalmiya C P ,Sanathi Nagarajan,Sathyabama B ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 5	India	
00000-65508	A Weighted Mean Square Error Technique to Train Deep Belief Networks for Imbalanced Data	Laxmi Sree B R ,Vijaya M S ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 8	India	
00000-65525	Assessing the Effect of Long Term Physical Training and Classification of Training Status using HRV and HRR of Female Police Recruits	Remya George,Biju Bahuleyan,K. Meenakshy ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 12	India	
00000-65526	High Capacity Reversible Data Hiding in Encrypted Transform Domain for Privacy Protection	Jeeva K A ,Sheeba V S ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 10	India	
00000-65527	A New Assessment of Quantum Key Distribution, Attenuation and Data Loss over Foggy, Misty and Humid Environment	R Rajesh ,Suresh Kumar P H ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 9	India	
00000-65528	An Efficient Multicast Routing Protocol Based on Ant	Joshua Reginald Pullagura,D.Venkata Rao ,	2018	International Journal of	India	

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00000-65531	Artificial Bee Colony and Cuckoo Search Algorithm for Cost Estimation with Wind Power Energy	Mary P Varghese,A. Amudha ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 8	India
00000-65546	Automated Sentiment Analysis using Deep Learning Artificial Neural Network for Scholars Digital Database Protection	R. Rajarathinam ,R. Latha ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 9	India
00000-65551	Design of Power Divider for C-Band Operation Using High Frequency Defected Ground Structure (DGS) Technique	S.Gopalakrishnan ,D.Vijayakumar ,G.Sasi ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India
00000-65555	Evaluation of Performance of Software GPS Receiver using Sub-Sampling and Thresholding	M Harshali ,M Venu Gopala Rao ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India
00000-65566	Performance Assessment of MB-MF-SIC Detector using Space Time Block Codes	B. Suneela ,E.V. Krishna Rao ,Sarat K Kotamraju,K. Ch. SriKavyaK ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 5	India
00000-65571	A Framework for User Priority Guidance based Scheduling for Load Balancing in Cloud Computing	Venkateshwarlu Velde,B.Rama ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 7	India
00000-65578	A Hybrid Statistical Data Preprocessing and Data Forecasting Model on ERP based Supply Chain Management (SCM) Databases	sam Sekhar M,P.Venkata Chalapathi,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 13	India
00000-65587	A DOCUMENT RANKING APPROACH BASED ON WEIGHTED-GENE/PROTEIN IN LARGE BIOMEDICAL DOCUMENTS USING MAPREDUCE FRAMEWORK	K.S.S. Joseph Sastry,Venkata Daya Sagar Ketaraju,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 11	India
00000-65599	Modelling and Signature Analysis of Vibration Energy Harvesting System using Electromagnetic Energy Conversion	Bycil V J ,M.C.John Wiselin,	2018	International Journal of Simulation: Systems, Science and Technology	India

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00000-65613	Multimodal Biometric Authentication using Back Propagation Artificial Neural Network	A. Saravana Priya,Rajeshwari Mukesh,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 8	India
00000-65618	A Learning Framework to Improve Video QoE in HTTP Adaptive Streaming SDN for Delivering Live Content	Gowrishankar Subramaniam Natarajan,R. Krishnaveni ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 9	India
00000-65625	Small Files Consolidation Technique in Hadoop Cluster	Amarendra Mohanty,P. Ranjana ,D. Venkata Subramanian,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 5	India
00000-65631	The Internet of Things Model Architectures for Customized Applications: A Review	Kavitha B. C ,Vallikannu R ,	2018	International Journal of Simulation: Systems, Science and Technology 19, 6, 1 - 6	India
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