

Faculty Research 2018-2019

No.	Name
1	A Review of Nonlinear Image-Denoising Techniques
2	A simple flexible cryptosystem for meshed 3D objects and images
3	Using Clause Slicing as Program Robustness Measurement Technique
4	Implementing the Unique Existential Quantifier in Digital Logic Design
5	Framework for Query Optimization Algorithms for Biological Data
6	A novel method for localizing a randomly distributed wireless sensor network
7	<u>AN IMPROVED AUTHENTICATION SCHEME BASED ON GRAPHICAL PASSWORDS</u>
8	<u>Implementing the Unique Existential Quantifier in Digital Logic Design</u>
9	<u>A Proposed Virtual Private Cloud-Based Disaster Recovery Strategy</u>
10	<u>QUALITY EFFECTS OF USING ADVANCED TECHNOLOGIES IN LEARNING PROCESS AT UNIVERSITIES</u>
11	<u>AN IMPROVED AUTHENTICATION SCHEME BASED ON GRAPHICAL PASSWORDS</u>
12	<u>A MULTI-AGENT SYSTEM MODEL FOR CONTROLLING TRAFFIC CONGESTIONSAN IMPROVED AUTHENTICATION SCHEME BASED ON GRAPHICAL PASSWORDS</u>

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13	<u>A System for the Detection and Identification of Objects and Their Distances to Aid Blind People</u>
14	<u>VERIFYING THE VALIDITY OF IMPLICATIONS THAT INVOLVE QUANTIFIERS USING THE SIMPLIFICATION AND LOGICAL INFERENCE METHODS</u>
15	<u>Methods and evaluations of decision tree algorithms on GPUS: AN OVERVIEW</u>
16	<u>Multiprocessing scalable string matching algorithm for network intrusion detection system</u>
17	<u>A New Framework Simulation for Developing and Designing a Smart Campus Application</u>
18	<u>PERFORMANCE EVALUATION OF A COMPUTER NETWORK IN A CLOUD COMPUTING ENVIRONMENT</u>
19	<u>An Efficient Cold Start Solution Based on Group Interests for Recommender Systems</u>
20	<u>A STRUCTURED-POPULATION HUMAN COMMUNITY BASED GENETIC ALGORITHM (HCBGA) IN A COMPARISON WITH BOTH THE STANDARD GENETIC ALGORITHM (SGA) AND THE CELLULAR GENETIC ALGORITHM (CGA)</u>

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21	<u>DO AGENTS IN BUSINESS INFORMATION SYSTEM IS BENEFICIAL</u>
22	<u>A novel method for localizing a randomly distributed wireless sensor network</u>
23	<u>Using phase shift fingerprints and inertial measurements in support of precise localization in urban areas</u>
24	<u>AN IMPROVED AUTHENTICATION SCHEME BASED ON GRAPHICAL PASSWORDS</u>
25	<u>Proposed Simple System for Road Traffic Counting</u>
26	<u>Smart Agents in the Business Information System</u>
27	<u>Multiprocessing scalable string matching algorithm for network intrusion detection system</u>
28	<u>EC and Lattice Key Exchange performance study based Public-Key Cryptographic Protocols</u>
29	<u>Improved Steganography Scheme based on Fractal Set</u>
30	<u>Forest Fire Monitoring</u>

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31	<u>7E: A PROPOSED CHANGE MANAGEMENT MODEL INTEGRATED WITH SOFTWARE DEVELOPMENT LIFECYCLE</u>
32	An efficient hybrid similarity measure based on user interests for recommender systems
33	A Proposed Java Static Slicing Approach
34	USER ACCEPTANCE CRITERIA FOR ENTERPRISE RESOURCE PLANNING SOFTWARE SYSTEMS
35	Measuring the Acceptance of Using Enterprise Resource Planning (ERP) System in Private Jordanian Universities Using TAM Model
36	AN EMPIRICAL STUDY FOR THE CURRENT PRACTICE OF COTS SOFTWARE SELECTION IN THE JORDAN ORGANIZATIONS
37	Regression test selection model: a comparison between ReTSE and pythia
38	Towards a new framework of program quality measurement based on programming language standards
39	DYNAMIC INTRUSION DETECTION TECHNIQUE FOR DYNAMIC MOBILE AD HOC NETWORK

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40	User acceptance model of open source software: an integrated model of OSS characteristics and UTAUT
41	Looking Inside and Outside the System: Examining the Factors Influencing Distance Learners Satisfaction in Learning Management System
42	An Automated Approach to Generate Test Cases From Use Case Description Model
43	A Proposed Cloud Computing Quality Model: S3MQual (Service Measurement Metrics Model)
44	A Proposed Forward Clause Slicing Application
43	Inclusion And Equivalence Relations Between Absolute N^orlund And Absolute Weighted Mean Summability Methods
45	Fast Computation of Polynomial Data Points over Simplified Face Values
46	A Certain Class of Deferred Weighted Statistical B-Suability Involving (p; q)-Integers and Analogous Approximation Theorems
47	Application of Power Series Method for Solving Obstacle Problem of Fractional Order

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48	Solving Fuzzy Fractional IVPs of order $2 \leq \alpha < 3$ by Residual Power Series Algorithm
49	Geometric meaning of conformable derivative via fractional cords
50	Stability of mixed type functional equation in normed spaces using a fuzzy concept
51	Numerical solutions of linear time-fractional Klein-Gordon equation by using power series approach
52	<u>LAGUERRE EQUATION AND FRACTIONAL LAGUERRE POLYNOMIALS</u>
53	Conformable Fractional Bernoulli Differential Equation with Applications
54	SEEPAGE RATE FROM CERAMIC PITCHERS UNDER POSITIVE AND NEGATIVE HYDRAULIC HEAD
55	<u>ON THE ZEROS OF A CLASS OF BIVARIATE FIBONACCI POLYNOMIALS</u>
56	<u>Analysis of Air Pollutants' Concentration in Terms of Traffic Conditions and Road Gradient in an Urban Area</u>

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57	ON FINDING THE EIGENVALUES OF CERTAIN TRIDIAGONAL MATRICES
58	Minimization and Positivity of the Tonsorial Rational Bernstein Form
59	An Active Set Method for Solving Certain Support Vector Machine Problems
60	REDUCTION OF ORDER OF FRACTIONAL DIFFERENTIAL EQUATIONS
61	<u>RULED SURFACES OF FINITE II-TYPE</u>
62	<u>A New Impulsive Sequential Multi-Orders Fractional Deferential Equation Involving Multipoint Fractional Integral Boundary Conditions</u>
63	Differential calculus on multiple products
64	Conformable Fractional Bernoulli Differential Equation with Applications
65	<u>Algorithm for Bernstein Polynomial Control Design</u>
66	<u>Some Properties of Fuzzy D-Complication</u>

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67	The Barycentric Bernstein Form for Control Design
68	<u>Conformable Fractional Bernoulli Differential Equation with Application</u>