

Quantitative Analysis (Business)-

- 1 - **Title:** Factors influencing the prevalence of subclinical mastitis in lactating dromedary camels in Riyadh Region, Saudi Arabia
- 2 - **Title:** Research productivity among faculty members at medical and health schools in Saudi Arabia Prevalence, obstacles, and associated factors
- 3 - **Title:** A hybrid particle swarm algorithm with artificial immune learning for solving the fixed charge transportation problem
- 4 - **Title:** Artificial Immune Algorithm for Solving Fixed Charge Transportation Problem
- 5 - **Title:** State of Pharmacy Education in Bangladesh
- 6 - **Title:** Synthesis, Physico-Chemical and Antimicrobial Studies of Ionic Liquid
- 7 - **Title:** Design and structural studies of diimine/CdX₂ (X = Cl, I) complexes based on 2,2-dimethyl-1,3-diaminopropane ligand
- 8 - **Title:** Investigating the impact of intranet resistance and intranet withdrawal in Malaysian maritime industry
- 9 - **Title:** Structural studies on Cd(II) complexes incorporating di-2-pyridyl ligand and the X-ray crystal structure of the chloroform solvated DPMNPH/CdI₂ complex
- 10 - **Title:** Bayesian and maximum likelihood estimations of the inverse Weibull parameters under progressive type-II censoring
- 11 - **Title:** Cis- & trans-isomerism in [Cl₂Ru(dppb)N-N] complexes: Synthesis, structural characterization and X-ray crystal structure of dichloromethane solvated cis-diaminebis(diphenylphosphinobutane)ruthenium(II) complex
- 12 - **Title:** Safe Delivery Practices: Experience From Cross-sectional Data of Bangladeshi Women
- 13 - **Title:** People purchase intention towards hydrogen fuel cell vehicles: An experiential enquiry in Malaysia
- 14 - **Title:** Assessment of pollution sources in the southeastern of the Riyadh and its impact on the population/Saudi Arabia
- 15 - **Title:** The physiological and perceptual effects of plant extracts (Catha Edulis Forsk) during sustained exercise
- 16 - **Title:** Prevalence of Smokeless Tobacco among Low Socioeconomic Populations: A Cross-Sectional Analysis
- 17 - **Title:** Spatial and statistical analysis ofrainfall in the Kingdom of Saudi Arabia from 1979 to 2008
- 18 - **Title:** Assessing the impact of measurement error in modeling change in the absence of auxiliary data
- 19 - **Title:** Community-based ecotourism management for sustainable development of marine protected areas in Malaysia
- 20 - **Title:** Adrenal medulla of AS/AGU rats: a histological and

immunohistochemical study

21 - **Title:** Adaptation barriers and strategies towards climate change:

Challenges in the agricultural sector

22 - **Title:** Education's impact on fertility: The case of King Saud University Women, Riyadh

23 - **Title:** A Mixture of Inverse Weibull and Inverse Burr Distributions: Properties, Estimation, and Fitting

24 - **Title:** Environmental concern: assessment of meteorological drought

25 - **Title:** The Physiological and Ergogenic Effects of Khat (*Catha edulis* Forsk) Extract

26 - **Title:** Evaluation of the degree of policyholder's risk for the individual's health insurance coverage

27 - **Title:** GENERALIZED LINDLEY POWER SERIES FAMILY OF DISTRIBUTIONS

28 - **Title:** POWER LINDLEY GEOMETRIC DISTRIBUTION: A NEW MODEL FOR FAILURE ANALYSIS IN BUSINESS

29 - **Title:** The Extended Inverse Weibull Distribution: Properties and Applications

30 - **Title:** Spatiotemporal Assessment of Air Quality and Heat Island Effect Due to Industrial Activities and Urbanization in Southern Riyadh, Saudi Arabia

31 - **Title:** Estimating COVID-19 cases in Makkah region of Saudi Arabia: Space-time ARIMA modeling

32 - **Title:** Estimating equivalence scales and non-food needs in Egypt: Parametric and semiparametric regression modeling

33 - **Title:** Development of robust ozkale-Kaciranlar and Yang-Chang estimators for regression models in the presence of multicollinearity and outliers

34 - **Title:** DOWN SYNDROME, TEMPORAL VARIATION AND FALLOUT RADIATION REVISITED: STATISTICAL EVIDENCE

35 - **Title:** Mean Residual Lifetime Frailty Models: A Weighted Perspective

36 - **Title:** A New Two-Parameter Estimator for Beta Regression Model: Method, Simulation, and Application

37 - **Title:** Copulas generated by mixtures of weighted distributions

38 - **Title:** Dawoud-Kibria Estimator for Beta Regression Model: Simulation and Application

39 - **Title:** Preservation of transform orders under a semiparametric model and its mixture

40 - **Title:** A New Four-Parameter Inverse Weibull Model: Statistical Properties and Applications

41 - **Title:** Physicians' Perceptions of Telemedicine Use During the COVID-19 Pandemic in Riyadh, Saudi Arabia: Cross-sectional Study

42 - **Title:** Performance of the Ridge and Liu Estimators in the zero-inflated Bell Regression Model

43 - **Title:** BERT-Based Clinical Name Entity Reorganization Model for Health Diagnosis

- 44 - **Title:** New Robust Estimators for Handling Multicollinearity and Outliers in the Poisson Model: Methods, Simulation and Applications
- 45 - **Title:** A New Tobit Ridge-Type Estimator of the Censored Regression Model With Multicollinearity Problem
- 46 - **Title:** A New Noise Shaping Approach for Sigma-Delta Modulators Using Two-Stage Feed-Forward Delays and Hybrid MASH-EFM
- 47 - **Title:** Kibria-Lukman estimator for the Conway-Maxwell Poisson regression model: Simulation and applications
- 48 - **Title:** Developing a two-parameter Liu estimator for the COM-Poisson regression model: Application and simulation
- 49 - **Title:** Towards Ethical Consumption Activities among Tourism Firms: Nexus of Environmental Knowledge, CSR Participation and Psychological Social Support
- 50 - **Title:** The novel Kumaraswamy power Frechet distribution with data analysis related to diverse scientific areas
- 51 - **Title:** A Modified Gamma Model: Properties, Estimation, and Applications
- 52 - **Title:** Modified jackknife ridge estimator for the Conway-Maxwell-Poisson model
- 53 - **Title:** Analysis of $R = P[Y < X < Z]$ Using Ranked Set Sampling for a Generalized Inverse Exponential Model
- 54 - **Title:** New estimators for the probit regression model with multicollinearity
- 55 - **Title:** A new modified model with application to engineering data sets
- 56 - **Title:** Compounded Bell-G class of statistical models with applications to COVID-19 and actuarial data
- 57 - **Title:** Tsallis Entropy of a Used Reliability System at the System Level
- 58 - **Title:** Excess lifetime extropy for a mixed system at the system level
- 59 - **Title:** An Efficient Stress-Strength Reliability Estimate of the Unit Gompertz Distribution Using Ranked Set Sampling
- 60 - **Title:** Simulations of the one and two dimensional nonlinear evolutionary partial differential equations: A numerical study
- 61 - **Title:** New hyperbolic sine-generator with an example of Rayleigh distribution: Simulation and data analysis in industry
- 62 - **Title:** Inverse Unit Teissier Distribution: Theory and Practical Examples
- 63 - **Title:** Some Optimal Classes of Estimators Based on Multi-Auxiliary Information
- 64 - **Title:** Investigating the Effectiveness of Novel Support Vector Neural Network for Anomaly Detection in Digital Forensics Data
- 65 - **Title:** Heat and Mass Transfer Gravity Driven Fluid Flow over a Symmetrically-Vertical Plane through Neural Networks
- 66 - **Title:** The odd lindley power rayleigh distribution: properties, classical and bayesian estimation with applications
- 67 - **Title:** The Unit Alpha-Power Kum-Modified Size-Biased Lehmann Type II Distribution: Theory, Simulation, and Applications
- 68 - **Title:** Soft computational approach on the thermoelastic assessment of the

sandwich beams with transversely functionally graded composite concrete face-sheets as an advanced building material

69 - **Title:** The Impact of COVID-19-Induced Responsibilities on Women's Employment in Arab Countries

70 - **Title:** On Estimation of Reliability Functions for the Extended Rayleigh Distribution under Progressive First-Failure Censoring Model

71 - **Title:** Cumulative Residual Entropy of the Residual Lifetime of a Mixed System at the System Level

72 - **Title:** Stochastic Comparisons of Lifetimes of Used Standby Systems

73 - **Title:** A New Asymmetric Modified Topp-Leone Distribution: Classical and Bayesian Estimations under Progressive Type-II Censored Data with Applications

74 - **Title:** Real-Time Detection Schemes for Memory DoS (M-DoS) Attacks on Cloud Computing Applications

75 - **Title:** Continuous Tsallis and Renyi extropy with pharmaceutical market application

76 - **Title:** New evidence of gender inequality during COVID-19 outbreak in the Middle East and North Africa

77 - **Title:** Thermal Enhancement in the Ternary Hybrid Nanofluid (SiO₂+Cu+MoS₂/H₂O) Symmetric Flow Past a Nonlinear Stretching Surface: A Hybrid Cuckoo Search-Based Artificial Neural Network Approach

78 - **Title:** Sampling Plan for the Kavya-Manoharan Generalized Inverted Kumaraswamy Distribution with Statistical Inference and Applications

79 - **Title:** Tsallis Entropy for the Past Lifetime Distribution with Application

80 - **Title:** Different estimation methods for the generalized unit half-logistic geometric distribution: Using ranked set sampling

81 - **Title:** Classification of Parkinson's Disease in Patch-Based MRI of Substantia Nigra

82 - **Title:** A New Distribution for Modeling Data with Increasing Hazard Rate: A Case of COVID-19 Pandemic and Vinyl Chloride Data

83 - **Title:** Bayesian and non-Bayesian analysis with MCMC algorithm of stress-strength for a new two parameters lifetime model with applications

84 - **Title:** System Level Extropy of the Past Life of a Coherent System

85 - **Title:** Complete classification of static Bertotti-Robinson spacetime and its physical significance

86 - **Title:** Artificial Neural Network Solution for a Fractional-Order Human Skull Model Using a Hybrid Cuckoo Search Algorithm

87 - **Title:** Investigating the Fundamental Conditions for Quantitative Growth to Obtain High-Quality WS₂ Using a Process of Physical Vapor Deposition

88 - **Title:** Bayesian inference using MCMC algorithm of sine truncated Lomax distribution with application

89 - **Title:** Solving nth-order integro-differential equations by novel generalized hybrid transform

90 - **Title:** Melting Heat Transfer Rheology in Bioconvection Cross Nanofluid Flow

Confined by a Symmetrical Cylindrical Channel with Thermal Conductivity and Swimming Microbes

91 - **Title:** Exploring Families of Solitary Wave Solutions for the Fractional Coupled Higgs System Using Modified Extended Direct Algebraic Method

92 - **Title:** Global Stability of Fractional Order HIV/AIDS Epidemic Model under Caputo Operator and Its Computational Modeling

93 - **Title:** Enhancing medical ultrasound imaging through fractional mathematical modeling of ultrasound bubble dynamics

94 - **Title:** A new extension of linear failure rate distribution with estimation, simulation, and applications

95 - **Title:** Estimation of some lifetime parameter of the unit half logistic-geometry distribution under progressively type-II censored data

96 - **Title:** Thermo-solutal Marangoni convective Darcy-Forchheimer bio-hybrid nanofluid flow over a permeable disk with activation energy: Analysis of interfacial nanolayer thickness

97 - **Title:** Rational approximation for solving Fredholm integro-differential equations by new algorithm

98 - **Title:** Rheological study of Hall current and slip boundary conditions on fluid-nanoparticle phases in a convergent channel

99 - **Title:** Deploying efficient net batch normalizations (BNs) for grading diabetic retinopathy severity levels from fundus images

100 - **Title:** Monitoring of manufacturing process using bayesian EWMA control chart under ranked based sampling designs

101 - **Title:** Comparative Numerical Analysis for the Error Estimation of the Fluid Flow over an Inclined Axisymmetric Cylinder with a Gyrotactic Microbe

102 - **Title:** Integration of Bayesian Adaptive Exponentially Weighted Moving Average Control Chart and Paired Ranked-Based Sampling for Enhanced Semiconductor Manufacturing Process Monitoring

103 - **Title:** New Lifetime Distribution with Applications to Single Acceptance Sampling Plan and Scenarios of Increasing Hazard Rates

104 - **Title:** Thermal analysis and performance investigations of shell and tube heat exchanger using numerical simulations

105 - **Title:** Investigation of tidal turbine array performance using computational fluid dynamics in the presence of waves

106 - **Title:** Analysis of the Corneal Geometry of the Human Eye with an Artificial Neural Network

107 - **Title:** Assessing the Impact of Time-Varying Optimal Vaccination and Non-Pharmaceutical Interventions on the Dynamics and Control of COVID-19: A Computational Epidemic Modeling Approach

108 - **Title:** Modified Maximum Likelihood Estimation of the Inverse Weibull Model

109 - **Title:** Different classical estimation methods using ranked set sampling and data analysis for the inverse power Cauchy distribution

- 110 - **Title:** Effects of Joule heating and reaction mechanisms on couple stress fluid flow with peristalsis in the presence of a porous material through an inclined channel
- 111 - **Title:** Numerical analysis of airfoils used in an omni-directional-guide vane structure of vertical axis wind turbine for high-rise buildings
- 112 - **Title:** Inspection of Couette and pressure-driven Poiseuille entropy-optimized dissipated flow in a suction/injection horizontal channel: Analytical solutions
- 113 - **Title:** A novel weighted family of probability distributions with applications to world natural gas, oil, and gold reserves
- 114 - **Title:** On the performance of two-parameter ridge estimators for handling multicollinearity problem in linear regression: Simulation and application
- 115 - **Title:** Numerical assessment of irreversibility in radiated Sutterby nanofluid flow with activation energy and Darcy Forchheimer
- 116 - **Title:** A Weibull process monitoring with AEWMA control chart: an application to breaking strength of the fibrous composite
- 117 - **Title:** Empirical models for compressive and tensile strength of basalt fiber reinforced concrete
- 118 - **Title:** Stability analysis, phase plane analysis, and isolated soliton solution to the LGH equation in mathematical physics
- 119 - **Title:** Combined effect of magneto hydrodynamics, couple stress, and viscosity variation on squeeze film characteristics of a cylinder and rough flat plate
- 120 - **Title:** Predictors of mental health problems during the COVID-19 outbreak in Egypt in 2021
- 121 - **Title:** Bayesian AEWMA control chart under ranked set sampling with application to reliability engineering
- 122 - **Title:** Exploring Propagating Soliton Solutions for the Fractional Kudryashov-Sinelshchikov Equation in a Mixture of Liquid-Gas Bubbles under the Consideration of Heat Transfer and Viscosity
- 123 - **Title:** Fault tolerant trust based task scheduler using Harris Hawks optimization and deep reinforcement learning in multi cloud environment
- 124 - **Title:** A novel proposed class of estimators under ranked set sampling: Simulation and diverse applications
- 125 - **Title:** Thermal radiation and heat generation on three-dimensional Casson fluid motion via porous stretching surface with variable thermal conductivity
- 126 - **Title:** Snow Avalanche Hazard Mapping Using a GIS-Based AHP Approach: A Case of Glaciers in Northern Pakistan from 2012 to 2022
- 127 - **Title:** CT scan, EBSD and nanoindentation analysis of 3D-printed parts with post-process heat-treatment
- 128 - **Title:** Developing a model for waste plastic biofuels in CRDi diesel engines using FTIR, GCMS, and WASPAS synchronisations for engine analysis
- 129 - **Title:** AI and machine learning for soil analysis: an assessment of

sustainable agricultural practices

130 - **Title:** Axisymmetric stagnation-point flow of non-Newtonian nanomaterial and heat transport over a lubricated surface: Hybrid homotopy analysis method simulations

131 - **Title:** Behavior of higher-order MDD on energy ratios at the interface of thermoelastic and piezothermoelastic mediums

132 - **Title:** Monitoring the process mean under the Bayesian approach with application to hard bake process

133 - **Title:** Performance Analysis of Cycle GAN in Photo to Portrait Transfiguration Using Deep Learning Optimizers

134 - **Title:** Coupled heat and mass transfer mathematical study for lubricated non-Newtonian nanomaterial conveying oblique stagnation point flow: A comparison of viscous and viscoelastic nanofluid model

135 - **Title:** How to punish cyber criminals: A study to investigate the target and consequence based punishments for malware attacks in UK, USA, China, Ethiopia & Pakistan

136 - **Title:** A study of maximizing skew Brownian motion with applications to option pricing

137 - **Title:** Time series forecasting model for non-stationary series pattern extraction using deep learning and GARCH modeling

138 - **Title:** Magnetohydrodynamics and viscosity variation in couple stress squeeze film lubrication between rough flat and curved circular plates

139 - **Title:** Analysis of progressive Type-II censoring schemes for generalized power unit half-logistic geometric distribution

140 - **Title:** MHD flow of third-grade fluid through a vertical micro-channel filled with porous media using semi implicit finite difference method

141 - **Title:** Heat treatment and tensile test of 3D-printed parts manufactured at different build orientations

142 - **Title:** Towards explainability for AI-based edge wireless signal automatic modulation classification

143 - **Title:** On the study of the recurrence relations and characterizations based on progressive first-failure censoring

144 - **Title:** Marshall-Olkin Weibull-Burr XII distribution with application to physics data

145 - **Title:** Classical and Bayesian estimation for the extended odd Weibull power Lomax model with applications

146 - **Title:** An efficient framework for obtaining the initial cluster centers

147 - **Title:** Utilization of discarded face masks in combination with recycled concrete aggregate and silica fume for sustainable civil construction projects

148 - **Title:** Innovative deep learning techniques for monitoring aggressive behavior in social media posts

149 - **Title:** Efficient data-driven solution to thermoelastic mixed shock behavior of composite plates by considering the effect of agglomeration

- 150 - **Title:** Novel study on investigating the mechanical, microstructure morphological, and dry sliding wear characteristics of grey cast iron GG25 with copper additions for valve guides in internal combustion engine
- 151 - **Title:** Synthesis and characterization of novel iron-modified geopolymer cement from laterite clay as low energy material
- 152 - **Title:** Bayesian estimation of 3-component mixture geometric distribution under different loss functions
- 153 - **Title:** Memory type Max-EWMA control chart for the Weibull process under the Bayesian theory
- 154 - **Title:** Enhancing tribo-mechanical, microstructural morphology, and corrosion performance of AZ91D-magnesium composites through the synergistic reinforcements of silicon nitride and waste glass powder
- 155 - **Title:** Enhancing Economic Stability with Innovative Crude Oil Price Prediction and Policy Uncertainty Mitigation in USD Energy Stock Markets
- 156 - **Title:** Unveiling of grain structure, porosity, phase distributions, microstructural morphology, surface hardness, and tribo-corrosion characteristics of nickel, and titanium dioxide-based SS-304 steel microwave composite coatings cladding
- 157 - **Title:** Provenance, diagenesis, and depositional environment of Miocene Kamlial Formation, Azad Jammu and Kashmir, Sub Himalayas, Pakistan: Evidences from field observations and petrography
- 158 - **Title:** Investigation of entropy generation in the existence of heat generation and nanoparticle clustering on porous Riga plate during nanofluid flow
- 159 - **Title:** RNA-RBP interactions recognition using multi-label learning and feature attention allocation
- 160 - **Title:** Global dynamics and computational modeling approach for analyzing and controlling of alcohol addiction using a novel fractional and fractal-fractional modeling approach
- 161 - **Title:** Investigation of surface hardness, thermostability, tribo-corrosion, and microstructural morphological properties of microwave-synthesized high entropy alloy FeCoNiMnCu coating claddings on steel
- 162 - **Title:** Analysis of the convective heat transfer through straight fin by using the Riemann-Liouville type fractional derivative: Probed by machine learning
- 163 - **Title:** Exploring the relationship between air quality index and lung cancer mortality in India: predictive modeling and impact assessment
- 164 - **Title:** Fabrication and Characterization of Montmorillonite Clay/Agar-Based Magnetic Composite and Its Biological and Electrical Conductivity Evaluation
- 165 - **Title:** Dynamics of the time-fractional reaction-diffusion coupled equations in biological and chemical processes
- 166 - **Title:** An enhanced estimator of finite population variance using two auxiliary variables under simple random sampling
- 167 - **Title:** Significance of shape factor on magnetohydrodynamic buoyancy thin

film flow of nanofluid over inclined sheet with slip condition: Irreversibility analysis

168 - **Title:** The kink solitary wave and numerical solutions for conformable non-linear space-time fractional differential equations

169 - **Title:** Parametric simulations of fractal-fractional non-linear viscoelastic fluid model with finite difference scheme

170 - **Title:** A novel computational fractional modeling approach for the global dynamics and optimal control strategies in mitigating Marburg infection

171 - **Title:** Role of dietary fiber and lifestyle modification in gut health and sleep quality

172 - **Title:** An IoT and Blockchain-Based Secure and Transparent Supply Chain Management Framework in Smart Cities Using Optimal Queue Model

173 - **Title:** A Study of the Early Cosmic Dynamics in a Multifield Model of Inflation and Curvature Perturbations

174 - **Title:** Impact of Molding Temperature, Fiber Loading and Chemical Modifications on the Physicomechanical, and Microstructural Morphology Properties of Woven Kenaf Fiber/PLA Composites for Non-Structural Applications

175 - **Title:** Numerical analysis of non-linear radiative Casson fluids containing CNTs having length and radius over permeable moving plate

176 - **Title:** Photocatalytic treatment of organic dyes using metal oxides and nanocomposites: A quantitative study

177 - **Title:** Inverse unit exponential probability distribution: Classical and Bayesian inference with applications

178 - **Title:** A novel approach towards web browser using the concept of a complex spherical fuzzy soft information

179 - **Title:** Combinative distance-based assessment method using linguistic T-spherical fuzzy aggregation operators and its application to multi-attribute group decision-making

180 - **Title:** Viscous dissipation and Joule heating effects on the unsteady micropolar fluid flow past a horizontal surface of revolution

181 - **Title:** Improved exponential type mean estimators for non-response case using two concomitant variables in simple random sampling

182 - **Title:** Flow of magnetohydrodynamic blood-based hybrid nanofluids with double diffusion in the presence of Riga plate for heat optimization and drug applications

183 - **Title:** Analyzing quantitative performance: Bayesian estimation of 3-component mixture geometric distributions based on Kumaraswamy prior

184 - **Title:** TOPSIS method based on q-rung orthopair picture fuzzy soft environment and its application in the context of green supply chain management

185 - **Title:** On Estimating Multi- Stress Strength Reliability for Inverted Kumaraswamy Under Ranked Set Sampling with Application in Engineering

186 - **Title:** DESIGN AND IMPLEMENTATION OF FUZZY-FRACTIONAL WU-ZHANG

SYSTEM USING HE-MOHAND ALGORITHM

187 - **Title:** The development of an extended Weibull model with applications to medicine, industry and actuarial sciences

188 - **Title:** Integration of internet of things (IoT) technology in the design model of sustainable green building spaces

189 - **Title:** Quantitative analysis of the electromagnetic hybrid nanofluid flow within the gap of two tubes using deep learning neural networks

190 - **Title:** Nonlinear dynamic analysis of aircraft CFRP sandwich wings under explosive blast loading: Introducing SVM-DNN algorithm to predict dynamical information

191 - **Title:** Utilizing sine trigonometric q-spherical fuzzy rough aggregation operators for group decision-making and their role in digital transformation

192 - **Title:** Assessing indoor positioning system: A q-spherical fuzzy rough TOPSIS analysis

193 - **Title:** Physicomechanical, Wettability, Corrosion, Thermal, and Microstructural Morphology Characteristics of Carbonized and Uncarbonized Bagasse Ash Waste-Reinforced Al-0.45Mg-0.35Fe-0.25Si-Based Composites: Fabrications and Characterizations

194 - **Title:** Exploring Microstructural, Interfacial, Mechanical, and Wear Properties of AlSi7Mg0.3 Composites with TiMOVWCr High-Entropy Alloy Powder

195 - **Title:** Physicomechanical, Wettability, Corrosion, Thermal, and Microstructural Morphology Characteristics of Carbonized and Uncarbonized Bagasse Ash Waste-Reinforced Al-0.45Mg-0.35Fe-0.25Si-Based Composites: Fabrications and Characterizations

196 - **Title:** Posture Detection of Heart Disease Using Multi-Head Attention Vision Hybrid (MHAVH) Model

197 - **Title:** Developing Lexicons for Enhanced Sentiment Analysis in Software Engineering: An Innovative Multilingual Approach for Social Media Reviews

198 - **Title:** Modeling to COVID-19 and cancer data: Using the generalized Burr-Hatke model

199 - **Title:** Energy-Efficient and Resilient Secure Routing in Energy Harvesting Wireless Sensor Networks with Transceiver Noises: EcoSecNet Design and Analysis

200 - **Title:** Quantitative analysis of Maxwell fluid flow with dual diffusion through the variable porous canonical gap using artificial neural network approach

201 - **Title:** Impact of chemical reaction on Eyring-Powell fluid flow over a thin needle with nonlinear thermal radiation

202 - **Title:** Establishing breather and N-soliton solutions for conformable Klein-Gordon equation

203 - **Title:** Power unit inverse Lindley distribution with different measures of uncertainty, estimation and applications

204 - **Title:** Manipulation of electric and magnetic absorption coefficients using

(In,Ga)As/GaAs chiral quantum dot medium

205 - **Title:** Comprehensive risk assessment of Pakistan railway network: A semi-quantitative risk matrix approach

206 - **Title:** Exploring Advanced Versions of Hermite-Hadamard and Trapezoid-Type Inequalities by Implementation of Fuzzy Interval-Valued Functions

207 - **Title:** Physicomechanical, morphological and tribo-deformation characteristics of lightweight WC/AZ31B Mg-matrix biocomposites for hip joint applications

208 - **Title:** Utilizing convolutional neural networks (CNN) and U-Net architecture for precise crop and weed segmentation in agricultural imagery: A deep learning approach

209 - **Title:** Optimizing heat transport in a permeable cavity with an isothermal solid block: Influence of nanoparticles volume fraction and wall velocity ratio

210 - **Title:** Modified sliding mode control for seamless integration of P.V. energy in A. C. grid

211 - **Title:** Thermal-solutal transport analysis deploying novel fluxes in viscoplastic material when velocity slip, non-Darcian porosity and stratification effects are significant

212 - **Title:** Modeling the dynamics of co-infection between COVID-19 and tuberculosis with quarantine strategies: A mathematical approach

213 - **Title:** Multiwaves, breathers, lump and other solutions for the Heimborg model in biomembranes and nerves

214 - **Title:** The development of new efficient iterative methods for the solution of absolute value equations

215 - **Title:** Power unit exponential probability distribution: Statistical inference and applications

216 - **Title:** Multi-objective statistical optimisation utilising response surface methodology to predict engine performance using biofuels from waste plastic oil in CRDi engines

217 - **Title:** Utilization of OHAM to investigate entropy generation with a temperature-dependent thermal conductivity model in hybrid nanofluid using the radiation phenomenon

218 - **Title:** The study of new fixed-point iteration schemes for solving absolute value equations

219 - **Title:** Novel numerical approach toward hybrid nanofluid flow subject to Lorentz force and homogenous/heterogeneous chemical reaction across coaxial cylinders

220 - **Title:** Aggregation operators based on Einstein averaging under q-spherical fuzzy rough sets and their applications in navigation systems for automatic cars

221 - **Title:** Multiresponse optimisation and process capability analysis of chemical vapour jet machining for the acrylonitrile butadiene styrene polymer: Unveiling the morphology

222 - **Title:** Thermal stability and slip effects in micropolar nanofluid flow over a

shrinking surface: A numerical study via Keller box scheme with block-elimination method

223 - **Title:** Estimation methods based on ranked set sampling for the power logarithmic distribution

224 - **Title:** Insight into the thermal transport by considering the modified Buongiorno model during the silicon oil-based hybrid nanofluid flow: probed by artificial intelligence

225 - **Title:** Synthesis of novel PdO@Al₂O₃ nanocomposite for energy storage devices, photodegradation, and other applications

226 - **Title:** Global warming's grip on agriculture: Strategies for sustainable production amidst climate change using regression based prediction

227 - **Title:** Type II Topp-Leone exponentiated gamma distribution with application to breaking stress data

228 - **Title:** A new extension of the Gumbel distribution with biomedical data analysis

229 - **Title:** A Secure and Efficient Blockchain and Distributed Ledger Technology-Based Optimal Resource Management in Digital Twin Beyond 5G Networks Using Hybrid Energy Valley and Levy Flight Distributer Optimization Algorithm

230 - **Title:** Distance and similarity measures on belief and plausibility under q-rung orthopair fuzzy sets with applications

231 - **Title:** Biogenic zinc oxide nanoregulator determines the quantitative analysis of morpho-anatomical and antioxidant capacity in *Lactuca sativa* L.

232 - **Title:** Efficient estimation of the density and distribution functions of Weibull-Burr XII distribution

233 - **Title:** Applications of q-Spherical Fuzzy Rough CODAS to the Assessment of a Problem Involving Renewable Energy Site Selection

234 - **Title:** Computation of SWCNT/MWCNT-doped thermo-magnetic nano-blood boundary layer flow with non-Darcy, chemical reaction, viscous heating and Joule dissipation effects

235 - **Title:** Hybrid computing framework security in dynamic offloading for IoT-enabled smart home system

236 - **Title:** Modeling insurance loss data using novel approach of moment exponential model: Inference, actuarial measures and application

237 - **Title:** Quantifying the impact of climate change and urbanization on groundwater resources using geospatial modeling

238 - **Title:** Comparison of different estimation methods for the inverse power perk distribution with applications in engineering and actuarial sciences

239 - **Title:** Synthesis of novel Bi/Bi₂O₃@Al₂O₃ nanocomposites for wastewater treatment, self-cleaning, and corrosion resistance

240 - **Title:** Stochastic aspects of reversed aging intensity function of random quantiles

241 - **Title:** Advanced image segmentation for precision agriculture using CNN-

GAT fusion and fuzzy C-means clustering

242 - **Title:** A novel asymmetric extension of power XLindley distribution: properties, inference and applications to engineering data

243 - **Title:** Sine generalized family of distributions: Properties, estimation, simulations and applications

244 - **Title:** Statistical inference on the exponentiated moment exponential distribution and its discretization

245 - **Title:** An innovative trigonometric technique for producing a new range of distributions: Implementations in the medical fields

246 - **Title:** Numerical study of unsteady reactive third-grade fluid flow in a microchannel through a porous medium subject to exothermic reaction

247 - **Title:** A novel statistical approach to COVID-19 variability using the Weibull-Inverse Nadarajah Haghghi distribution

248 - **Title:** A qualitative analysis of the artificial neural network model and numerical solution for the nanofluid flow through an exponentially stretched surface

249 - **Title:** Time-dependent Casson fluid flow over a vertical Riga plate subjected to slip conditions and thermal radiation: Aspects of Buongiorno's model

250 - **Title:** Prioritized Task Offloading Mechanism in Cloud-Fog Computing Using Improved Asynchronous Advantage Actor Critic Algorithm

251 - **Title:** Reliability inference of a multicomponent stress-strength model for exponentiated Pareto distribution based on progressive first failure censored samples

252 - **Title:** Unit extended exponential distribution with applications

253 - **Title:** Shannon differential entropy properties of consecutive k-out-of-n:G systems

254 - **Title:** q-Spherical Fuzzy Rough Einstein Geometric Aggregation Operator for Image Understanding and Interpretations

255 - **Title:** Parameter estimation for reduced Type-I Heavy-Tailed Weibull distribution under progressive Type-II censoring scheme

256 - **Title:** Different copula types and reliability applications for a new fisk probability model

257 - **Title:** Quantile-based robust Kibria-Lukman estimator for linear regression model to combat multicollinearity and outliers: Real life applications using T20 cricket sports and anthropometric data

258 - **Title:** A New Three-Parameter Flexible Unit Distribution and Its Quantile Regression Model

259 - **Title:** Bidirectional bioconvective flow of Casson-micropolar nanofluid due to porous Riga surface with heat generation effects

260 - **Title:** A new Marshall-Olkin generalized-k family of distributions with applications

261 - **Title:** Nutritional status of Saudi obese patients undergoing laparoscopic

sleeve gastrectomy, one-year follow-up study

262 - **Title:** Cumulative entropy properties of consecutive systems

263 - **Title:** Bayesian and non-Bayesian estimation of some entropy measures for a Weibull distribution

264 - **Title:** ResNet50 in remote sensing and agriculture: evaluating image captioning performance for high spectral data

265 - **Title:** Analysis of competing risks model using the generalized progressive hybrid censored data from the generalized Lomax distribution

266 - **Title:** Estimation of the constant-stress model with bathtub-shaped failure rates under progressive type-I interval censoring scheme

267 - **Title:** Applications of the neuro-evolutionary approach to the parabolic type partial differential equations

268 - **Title:** Assessing the Spatiotemporal variability and trends of rainfall, temperature, and NDVI in Saudi Arabia from 1980 to 2011 using meteorological station data and google earth engine

269 - **Title:** Determinants of farm profit among cassava-based farming households in Osun State Nigeria: robust estimation approach