



TABLE OF CONTENT

Vol. 9, 2022

	Page
Modeling Graduate Employability in Malaysia Using Logistic Regression Nurul Hadirah Mohd Halid and Zarina Mohd Khalid	1-11
Simulation of Heat Diffusion Phenomenon by Using Netlogo and Comsol Multiphysics Amier Zikry, Zuhaila Ismail	12-21
The Elliptic Curve Cryptography Algorithm in Cryptocurrency Simulation for Bitcoin Transaction and Ownership Amiruliman Abdul Halim, Nur Syarafina Mohamed	22-32
The Application of Triangular Fuzzy Number-Based Conjoint Analysis Method in Measuring Students' Satisfaction toward UTM Bus Services Azizah Batrisyia Abdul Halim, Amidora Idris	33-43
Adaptive Runge Kutta for Solving Log Aesthetic Curve Che Engku Nur Syafiyah Che Engku Dalam, Shazirawati Mohd Puzi	44-48
Mathematical Modelling of an Aquaponics System in the Presence of Nitrite Emi Shazila Mat Roni, Anati Ali	49-63
Application of Finite Element Method in 2D Poisson Equation Farah Hanis Binti Baharum, Yeak Su Hoe	64-72
Numerical Solutions of Diabetes Mellitus Type 1 Model Using Runge-Kutta-Fehlberg Method Farrah Qhairunniza Md Affandi, Shazirawati Mohd Puzi	73-81

Developing Optimal Food Menu for Diabetic Patients in Malaysia using Diet Optimization Model Fazlin Asni, Nur Arina Bazilah Aziz	82-98
Frieze Pattern in Malay Traditional Dance: Zapin Tenglu Pak Akob Hazwani Mohd Adenan, Nor Muhainiah Mohd Ali, Sharifah Kartini	99-108
Properties and Some Applications of Fuzzy Metric Space Iffa Syazweena Abdul Majid, Tahir Ahmad	109-116
Energy of the Composite Order Cayley Graphs of the Quaternion Groups of Order at Most 32 Juwariah Mahd Yusoff, Hazzirah Izzati Mat Hassim	117-127
Application of Monte Carlo Simulation in Integration and Poisson's Equation Lee Wei Cong, Yeak Su Hoe	128-138
Analysis on Spam Email by Statistical Learning Loh Wei Kit, Adina Najwa Kamarudin	139-147
Geometrical Transformation of a Yoshimoto Cube Wan Heng Fong, Dickson Lui	148-156
Long-Term Dependent Analysis on Covid-19 Vaccination Using Log-Linear Poisson Autoregressive Model Maryam Adibah Hanim Mohd Hazni, Norhaiza Ahmad	157-174
A User Interface Development for a Block Tridiagonal Algorithm in a Two-Dimensional Keller Box Method Mohamad Abdul Rasman Ahmad, Anati Ali	175-184
Forecasting The Crude Oil Price in Malaysia Using Geometric Brownian Motion Muhamad Firdaus Lahmuddin, Ani Shabri	185-194
Statistical Analysis on Mental Health among Malaysian University Students during Pandemic Outbreak Muhammad Afif Jazimin Mat Rani, Haliza Abd Rahman	195-200
Structural Equation Modelling on Effect of Online Gaming Addiction on Academic Performance among Universiti Teknologi Malaysia Students Muhammad Badrul Amin Ayop, Muhammad Hisyam Lee	201-210
Crop Yield Prediction with Multiple Linear Regression in Malaysia	211-221

Muhammad Fikri Badaruzaman, Ong Chee Tiong

Multplie Linear Regression on Population Growth Rate in Malaysia 222-232

Muhammad Izzatur Fitri Mohd Fuad, Adina Najwa Kamarudin

Analysis of Students Viewpoint on Distance Learning in Mathematics (Science) Program, Universiti Teknologi Malaysia 233-239

Muhammad Khairunnas Shahrul Azman, Siti Mariam Norrulashikin

Investigation of Firefly Algorithm using Multiple Test Functions for Optimization Problem 240-249

Muhammad Naquiddin Irfan Heiqal Azizan, See Pheng Hang

The Order Product Prime Graph for Nonabelian Metabelian Groups of Order at Most 24 250-258

Muhammad Rafiq Mohd Zulkefli, Nor Muhainiah Mohd Ali

Forecasting the Bank Loan Approval for Residential Property Purchased using Time Series Model 259-269

Muhammad Shafie Yusop, Nur Arina Bazilah Kamisan

Analysis of Labor Force Participation Rate Using Multiple Linear Regression 270-277

Muhammad Syazwan Romzi, Muhammad Fauzee Hamdan

Probabilities and Graph of Prime Ideal Based Product of Some Commutative Rings 278-285

Nabil Asyraf Aidi Rosman, Nor Haniza Sarmin

The Classification of Human Emotions Based on The Electroencephalogram (EEG) of Brain Waves 286-297

Nabilah Farhana Nordin, Norma Alias

Fuzzy Time Series Forecasting Techniques for Indonesia's Seaweed Production 298-307

Nur Afifah Syahirah Shaiful Bahri, Normah Maan