

KANDUNGAN / CONTENTS

Julai / July 2024

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Dynamic Modelling for Assessing the Impact of Marine Debris on the Population of Sea Turtles <i>Ummu Atiqah Mohd Roslan, Fatimah Noor Harun & Azwani Alias</i> | 1 |
| Analysis of Changes in Total Actuarial Liabilities Using Projected Unit Credit Method <i>Rose Irnawaty Ibrahim & Ain Nurafifah Amran</i> | 15 |
| GIS-Based and Geospatial Analysis: Mapping and Visualizing the Trend of COVID-19 Data in Selected Asian Countries <i>Jiun Guan Wong, Min Jun Lim, Siok Kun Sek & Khang Yi Sim</i> | 23 |
| Hyperstability Results for the General Linear Functional Equation in Non-Archimedean 2-Banach Spaces <i>Shujauddin Shuja, Ahmad Fadillah Embong & Nor Muhainiah Mohd Ali</i> | 35 |
| Performance of Hypothesis Tests for Gompertz Distribution with Right and Interval Censored Data <i>Tanusha Nagaraju & Jayanthi Arasan</i> | 49 |
| Estimating Optimal Resource Allocation in the Inpatient Department Using Simulation and Data Envelopment Analysis <i>Nur Fatini Binti Rasidi, Nazhatul Sahima Mohd Yusoff, Adibah Shuib, Abd Yazid Md Noh & Norfarziah Adna</i> | 71 |
| Interval Estimation for Parameters of a Bathtub Hazard Model <i>Idari Ismail, Jayanthi Arasan, Mohd Shafie Mustafa & Muhammad Aslam Mohd Safari</i> | 89 |
| Classification of Fixed Points of Potts–Bethe Mapping of Degree Four on \mathbb{Q}_5 <i>Mohd Ali Khameini Ahmad, Murat Alp, Mohammad Azim Mohd Azahari & Ahmad Fadillah Embong</i> | 105 |
| Compactons in Interspecies Spin-Orbit-Coupled Nonlinear Schrödinger Lattices Under Strong Nonlinearity Management <i>Lukhman Abdul Taib, Muhammad Salihi Abdul Hadi & Bakhram Umarov</i> | 111 |
| Learning Analytic Framework for Students' Academic Performance and Critical Learning Pathways <i>Jessica Tan Yen Lyn, Goh Yong Kheng, Lai An Chow & Ngeow Yoke Meng</i> | 127 |

- Multi Criteria Decision Making Under Single-Valued Neutrosophic Set Environment for Supplier Selection 149
Firdawati Mohamed, Nur Aina Syahirah Abdul Shuhaizam, Nur Nasreen Asharah Mohd Zaki, Nurul Ain Mohd Rosdi, Siti Nurul Fitriah Mohamad & Suziana Aida Othman
- Kajian Perbandingan Model Bandar Pintar di Beberapa Bandar Terpilih di Malaysia 163
Zainol Mustafa, Mas Nordiana Rusli, Wan Rosmanira Ismail, Nur Riza Mohd Suradi, Zamira Hasanah Zamzuri, Adilah A. Wahab, Norkisme Zainal Abidin & Norhishah Elias
- GIS-Based Trend Analysis on Renewal Energy Consumption and Production in Africa 181
Alhaji Abdullahi Gwani & Siok Kun Sek
- Educational Recommender Systems: A Bibliometric Analysis for the Period 2002 – 2022 197
Noratiqah Mohd Ariff, Bernard Lee Kok Bang, Sarmela Nadarajan & Muhammed Haziq Muhammed Nor
- An Inference-Based Bootstrap and Mixed Methods Approach to Examining the Impacts of Behavior-Based Safety on Job Satisfaction and Stress: From the Construction Workers' Perception 217
Ali Mohammad Saedi, Zaidi Isa & Siti Sarah Binti Salleh