

CONTENTS

Soft Intersection Almost Tri-bi-ideals of Semigroups.....	1
<i>Aslıhan Sezgin, Aleyna İlgin, Akın Osman Atagün</i>	
Coincidence Point Theorems on Ordered b -Metric Spaces via w_t -Distance with Application to Matrix Equations and Numerical Experiments.....	14
<i>Tippawan Puttasontiphot, Sujitra Sanhan, Chirasak Mongkolkeha</i>	
Maximal and Minimal Congruences on the Semigroup $T_e(X)$	32
<i>Kitsanachai Sripon, Ekkachai Leysirikul, Ronnason Chinram</i>	
Assessing Non-Linearity and Stationarity in the Time Series of Albania's Annual Emissions of CO ₂ from Land-Use Change.....	39
<i>Orgeta Gjermëni</i>	
Application of Data Mining in the Prediction of COVID-19 Outcome.....	51
<i>Alka Dilip Gore, Vinayak Jadhav, Aniket Muley, Sheetu Jaitkhani, Mayuri Rotti, Vivek Waghachavare, Randhir Dhobale, Girish Dhumale</i>	
Forecasting the Value of Indonesia's Exports using Model Hybrid Arimax-NN.....	62
<i>Faradilla Putri Wahidah, Sri Wahyuningsih, Meiliyani Siringoringo</i>	
Forecasting Search Trends for "Silverqueen" Chocolate Keywords using the Singular Spectrum Analysis Method and the Hybrid Singular Spectrum Analysis-ARIMA Model.....	75
<i>Gavrila Nathania Rambung, Sri Wahyuningsih, Andrea Tri Rian Dani</i>	
Modeling Optimum Logistic For Multi-day Climbing In Tropical Mountain By Considering Geometrical Constraint.....	88
<i>Sugeng Waluyo, Aprillian Salsabillah Palumian, Ayu Anggraeni Sibarani, Amanda Sofiana, Maria Krisnawati</i>	
Microfluidics for Greener Flow-Based Colorimetric Analysis of Phosphate and Cinnarizine.....	103
<i>Nathaya Siangdee, Panumas Yaemmak, Suwimon Chaothaimak, Thuan Hoa Nguyen, Duy Hien Nguyen, Chawin Srisomwat, Napaporn Youngvises</i>	
Experimental Analysis and Optimization of Power Generation by Waste Heat Thermoelectric Module of Biomass Dryer for Lighting.....	119
<i>Aphirak Khadwilard, Phairoach Chunkaew, Sumroum Kosalanun</i>	
Drone Approach for Remote Sensing The Intercrop On Durian Plantations Using YOLOv5 Model.....	128
<i>Trong Hieu Luu, Phan Nguyen Ky Phuc, Quang Hieu Ngo, Thanh Tam Nguyen</i>	
Effects of Polysaccharide-Based Viscosity- Modifying Agent on Properties of Self-Compacting Concrete.....	138
<i>Ibrar Ul Haq, Parnthep Julnipitawong, Somruk Tangtermsirikul</i>	
Evaluating the Effectiveness of Bond Strength Relative to Plain Reinforcement Bar Diameter in HVFA-SCC-Beam Lap Splices.....	151
<i>Ashar Natsir Sasmito, Stefanus Adi Kristiawan, Halwan Alfisa Saifullah</i>	

Utilizing Himawari-8/AHI Satellite Data for Accurate Global Solar Radiation Exergy Predictions in Thailand's Climatic Context.....	168
<i>Patinya Sakwan, Phadungsak Rattanadecho, Ratthasak Prommas</i>	
Implementation of Particle Swarm Algorithm to Sine-Cosine Optimization: Case Study of Plant-Wide Chemical Processes.....	184
<i>Orn-anong Winyutrakoon, Panida Chunhakamolrak, Thongchai Rohitathisa Srinophakun</i>	
Machine Learning-Driven Efficiency Estimation and Variable Analysis in Combined Cycle Power Plants.....	197
<i>Vishakha Singh, Phisan Kaewprapha</i>	
Application of Scenedesmus Quadricauda Biosorbent for the Biosorption of Heavy Metals in Wastewater.....	213
<i>Timothy Imanobe Oliomogbe, Joseph Onyeka Emegha</i>	
Proposing a Location of the New Distribution Center: A Garment Case Study in Thailand.....	224
<i>Prapaporn Kaewnum, Chumpol Monthatipkul</i>	
The Optimization of Mechanical Properties of HDPE-Pineapple Fiber Composites Using the Taguchi Method.....	235
<i>Tumpal Ojahan Rajagukguk, Anang Ansyori, Kusno Isnugroho, Yusup Hendronursito</i>	
Edible Macrofungi in Plant Genetic Conservation Area, Chanthaburi Province: <i>Auricularia cornea</i> strain RSPG5 Fruiting Body Formation and Nutritional Value.....	247
<i>Uracha Wanich, Chutapa Kunsook, Pornpimon Kanjanavas, Pornpailin Thanyaponl, Onanong Boonmee, Narumon Apinansawat, Thassapol Panisan, Saowapha Surawit</i>	
Effect of Fish Bone Powder on Dough Rheological and Physicochemical and Microstructural Properties of Dried Instant KGM-Wheat Noodle.....	257
<i>Phatthira Sakamut, Thumvarat Wiangsamut, Somrudee Kerkchai</i>	
Potential Ectoparasiticide for Dog and Cat Fleas; a Combination of <i>Ficus Minahassae</i> Extract and Latex from <i>Carica Papaya</i> L.....	269
<i>Dina Victoria Rombot, Mokusuli Yermia Semuel</i>	
Statistical Issues in Malaria Research in Southeast Asia: Systematic Analysis.....	283
<i>Panida Kongjam, Lakshmanan Jeyaseelan, Wanna Chaijaroenkul, Kesara Na-Bangchang</i>	
Molecular Docking and Molecular Dynamics Simulation Study of Anti-Tuberculosis Drug Candidates from Plant-Derived Natural Products against InhA Protein.....	291
<i>Wira Eka Putra, Diana Widiastuti, Arief Hidayatullah, Muhammad Fikri Heikal, Sustiprijatno, Alyana Mahdaviakia Rosyada Yusuf</i>	
<i>In Silico</i> Evaluation of Herbicide Synergism to Identify Effective Mixtures for Weed Management in Indonesia.....	302
<i>Mouritz Sandy Sulaiman, Gregorio Antony Bani, Muni Jitro Amtiran, Mario Donald Bani</i>	