Journal of Engineering and Technological Sciences Vol. 55, No. 5, December 2023

CONTENTS

Effect of Shot Peening Parameters on PLA Parts Manufactured with Fused Deposition Modeling Herianto Herianto, Hasan Mastrisiswadi, Andri Nasution & Sarah Iftin Atsani	513
Microplastic Removal from Road Stormwater Runoff using Lab-scale Bioretention Cell Fathiya Mufidah & Prayatni Soewondo	524
Structural Analysis and Service Life Prediction of Rubberized Thin Surfacing Hot Mix Asphalt Sebastianus Kristianto Nugroho, Ary Setyawan & Arif Budiarto	538
A Comparative Study of Solid-State and Co-precipitation Methods for Synthesis of NMC622 Cathode Material from Spent Nickel Catalyst Endah Retno Dyartanti, Tika Paramitha, Arif Jumari, Agus Purwanto, Adrian Nur, Anatta Wahyu Budiman & Shofirul Sholikhatun Nisa	548
The Risk of Failure Assessment in Bina Marga Standard Designed Prestressed Concrete Girder Bridges under B-WIM Load Measurement Widi Nugraha, Indra Djati Sidi, Made Suarjana & Ediansjah Zulkifli	558
Influence of Opening and Boundary Conditions on the Behavior of Concrete Hollow Block Walls: Experimental Results Kabiru A. Musa, Badorul Hisham Abu Bakar & Ufuoma Joseph Udi	569
The Effect of Coconut Powder on Asphalt Binder Performance under Laboratory Conditions Rana Yousif, Sady Tayh & Abbas F. Jasim	577
Feature Extraction Evaluation of Various Machine Learning Methods for Finger Movement Classification using Double Myo Armband Khairul Anam, Harun Ismail, Faruq Sandi Hanggara, Cries Avian, Safri Nahela & Muchamad Arif Hana Sasono	587
Evaluation of Drainage System of Light Rapid Transport (LRT) Depo – Kelapa Gading – Jakarta City Joko Nugroho, Mohammad Bagus Adityawan, Ana Nurganah Chaidar & Yadi Suryadi	600
Thermodynamic Study on Decarbonization of Combined Cycle Power Plant Azaria Haykal Ahmad, Prihadi Setyo Darmanto & Firman Bagja Juangsa	613

Vol. 55, No. 5, Dece mber

Engineering and Technological Sciences





Institute for Research and Community Services Institut Teknologi Bandung

