

Philippine Engineering Journal
Volume XLIII, Number 2: December 2022

CONTENT	PAGE
Benjamin B. Buensuceso III Predicting the Ultimate Capacity of Frictional Jacked Concrete Piles Installed in Mixed Silty Sands in the Philippines	1-22
Jan Lowell P. Buquiz and Manolo G. Mena Electrochemical Corrosion of as-cast Pb-Ca-Sn Grid in Simulated Battery Electrolytes	23-42
Karlo Leandro D. Baladad, Djoan Kate T. Tungpalan and Herman D. Mendoza Effect of Electrostatic Interactions in the Separation of Magnetite and Silica using Enhanced Gravity Concentration	43-56
Hanna Czarise E. Regidor, Herman D. Mendoza and Manolo G. Mena Oxidation and Dissolution of Refractory Gold Concentrate in Alkaline Hypochlorite Solutions	57-70
Vena Pearl A. Bongolan, Nico Andrew G. Francisco, Martin Thomas D. Saliba and Jimuel N. Celeste Jr. School Reopening Simulations with COVID-19 Agent-based Model for the Philippine Regions	71-84
Ken Bryan A. Fernandez, Jon Dewitt E. Dalisay and Menandro S. Berana CORRIGENDUM: Air Change and Aerosol Evacuation Rates in a Two-Occupancy Room with Stand Fan for Forced Ventilation	85-86