

Table of Contents

Preface

Chapter 1: Properties of Advanced Composite Materials

Compression of New Generation Auxetic Sheets with Viscoelastic Material to be Used in Planing Hull Vessels P. Townsend, T. Frere, G. Jiménez and J.C. Suárez	3
Mechanical Properties of Durian/Luffa Fiber Reinforced Polymer Composite M.K. Afiq, H.T.N. Kuan and C.J. Indor	9
Debonding Study of the Viscoelastic Laminate in Planning Hull Vessels Subjected to Slamming P. Townsend, A. Pincay, N. Matias and J.C. Suárez	17
Recycling of High-Volume Fly Ash and Bottom Ash in Sustainable Concrete Pavement D.T. Nguyen and T.P. Huynh	25

Chapter 2: Corrosion and Corrosion Protection

Investigation on the Corrosion Behavior of Reinforced Recycled Aluminium Cans by Leadwood Particles L. Mugwagwa and M. Pita	33
---	----

Chapter 3: Data Mining and Data Processing

An Improved Data Integrity Verification Model in Cloud Computing N.L. Khumalo, T.E. Mathonsi and S.O. Ojo	43
PRISMA Approach for Assessing Fingerprint Classification Models Based on Artificial Super-Intelligence Techniques A. Mustafa, R. Millham and H. Yang	53
Personalized Adaptive Learning Management System Based on Bioinspired Algorithm: A Systematic Review F.L. Yvonne Khomo, R. Millham and A. Mustafa	65