

CONTENTS

U.V.S. Seshavatharam, S. Lakshminarayana, H. K. Cherop, K.M. Khanna A Short Note on Estimating Nuclear Binding Energy with Quantum Chromodynamics and Electroweak Interaction	3
F.F. Gorbatsevich The Relationship of Density in Noble Gases and Metals with the Sizes of Atoms and Their Nuclei	7
S.I. Konstantinov Torsion Gravity	15
S.I. Konstantinov The "AWAKE" Project at "CERN" and the "T-15 Md Tokamak" in Sarov (Russia) in the Light of Maxwell's Real Electrodynamics	23
M. Barsky Mathematical Model of Symmetrical Duplex Cascade with Initial Material Feed to an Odd Stage	32
L. Dvorkin High-Strength Phosphogypsum Binders	39
M. Ioelovich Nanocelluloses and Their Potential Applications	50
M. Ioelovich Study Affinity of Polysaccharides for Water	67
G. Macrinici, G. Makrinich Diagnostic of a Human Tissue by Alternative Electric Field	83
NEWS & EVENTS	
• D.Beilin, V. Kudryavtsev , "Graphene and Graphene Modified Polymer and Cementitious Composites". Review	93
• WORLDNANO-2022 , 4 th World Nanotechnology Summit	94
• ICETMS 2022 , 16 International Conference on Emerging Technologies in Materials Science	95
• ICACM 2022 , International Conference on Advanced Composite Materials	95