Contents:

Local Energy of Activation of Conductivity of Phenylene-Based Composite Materials Containing Nickel Nanoparticles 01-09

Tensile and Low Velocity Impact Behaviour of Carbon/S-Glass Reinforced Hybrid PMC 10-15
R. Mohanraj, T. Praveenkumar, V. Parunraj, B. Paulraj, R. Ragul

Photon Polarization and Entanglement Interpreted by Yangton and Yington Theory 16-21
Edward T. H. Wu

Physics Law Analysis to Support Successful Forensic Medical Investigation in Vertical Fall Cases 22-25
Taufik Suryadi, Kulsum Kulsum

Effect of low radiation doses in pediatric computed tomography using adaptive statistical iterative reconstruction technique 26-31
Y. Nagya, A. Abdelrazek, Sabry EL Mogy, A.H. Oraby

Excitation of unstable waves in impurity semiconductors with two types of charge carriers 32-38
Hasanov E.R., Khalilova Sh.G., Mammadova G.M.

Hidden Variables versus Bell’s Inequality and Conflicts of Superposition, Complementarity and Entanglement in Quantum Mechanics 39-50
Edward T. H. Wu

Cosmic Rays impact on Space Weather associated to Geomagnetic Activity with Solar Activity 51-57
Sarmistha Basu