



IOSR Journals

International Organization
of Scientific Research

IOSR Journal of Applied Physics

e-ISSN : 2278-4861

Volume : 15 Issue : 2

Mar.-Apr. 2023

IOSR-JAP

Contents:

Quantum Field versus Gravitational Field and Electrical Field and Quantum Field Theory Based on Yangton and Yington Theory	01-10
Assessment of radionuclides content in imported foodstuffs in Kano state of Nigeria	11-14
Engineering Point Spread Function of Two Zone Aperture Optical Imaging System under the combined influence of Defocus and Spherical Aberrations	15-20
Studies the various property of strontium stannate prepared by coprecipitation method	21-27
Statistical Analysis of Neutron Induced Capture Cross-Section in some Isotopes of Plutonium using EMPIRE 3.2 code	28-36
Tailoring Point Spread Function of Aberrated Two Zone Aperture by Symmetric Apodization	37-42
Point Spread Functions of defocused Leaky Annular Apertures with Spherical Aberration	43-49
The role of NBOs on Optical and Physical properties of Na ₂ O added Sb ₂ O ₃ -ZnO-B ₂ O ₃ glasses	50-55
EPR, FTIR and Raman spectroscopic characterization of Indium barium borate glasses containing Manganese ions	56-68
Nanomaterials: Synthesis and Applications	69-72
Optimizing the Power Capacity of a Basic Alkaline Battery through Comprehensive Multiphysics Simulation	73-78
Experimental study of heat transfer efficiency in different materials and its correlation with thermal conductivity	79-91