



ISAAC SCIENTIFIC
PUBLISHING

Volume 2, Number 2, June 2017

THEORETICAL PHYSICS

(TP)



ISSN (Online): 2519-9633 ISSN (Print): 2519-9625



TABLE OF CONTENTS

Volume 2 Number 2

June 2017

Gravity-Independent and Gravity-Related Inertia Fields

Robert L. Shuler 51

Correlation, Entanglement and Locality of Quantum Theory

S.V.Gantsevich and V.L.Gurevich..... 63

Observational Constraints on Cosmological Superstrings

Olga S. Sazhina and Alfiia I. Mukhaeva..... 70

The Model of Hydrodynamic Resistance Quantization in Capillaries with Superfluid Helium

Maxim Dresvyannikov, Andrei Tskhovrebov and Larisa Zherikhina 79

To The Theory of Inverse Transition Insulator-Metal Anion Defective Ferromagnetic Semiconductor $\text{EuO}_{1-\delta}$

A.S.Borukhivich and A.V.Troshin..... 86

Application of the Euler Lagrange Formalism for Determining the Equation of Motion in the Case of Radial Fall into a Non-Rotating, Charged Black Hole

A. Sfarti 93

Coherent States of Systems with Non-Equidistant Energy Levels

Dušan POPOV..... 97

Theoretical Physics (TP)

EDITOR-IN-CHIEF

Prof. Christian Corda School of Advanced Academic Studies and
Research, Italy

EDITORIAL BOARD

Mr. Arun Kenath	Christ University, India
Prof. Seyed Hossein Hendi	Shiraz University, Iran
Dr. Luca Fabbri	Università di Bologna, Italy
Prof. Chun-Sheng Jia	Southwest Petroleum University, China
Dr. Francisco Torrens	University of Valencia, Spain
Prof. Isabel S. Jesus	Institute of Engineering of Porto, Portugal
Prof. Mario J. Pinheiro	University of Lisbon, Portugal
Dr. Andrew Beckwith	Chongqing University, China

SUBSCRIPTIONS

Theoretical Physics (TP) (Online at www.isaacpub.org) is published quarterly by Isaac Scientific Publishing. For printed journal subscription, please contact: service@isaacpub.org

Subscription rates: \$29 per issue (by air mail)

ADVERTISEMENTS & REPRINTS

For advertisements and reprints affairs, please contact: service@isaacpub.org

The reprints require a minimum quantity of 50 copies.

PUBLISHER

Isaac Scientific Publishing Co., Limited

Unit 04, 7/F Bright Way Tower, No. 33 Mong Kok Rd., KL, Hong Kong(China)