



ISAAC SCIENTIFIC
PUBLISHING

Volume 4, Number 3, September 2019

THEORETICAL PHYSICS

(TP)



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



TABLE OF CONTENTS

Volume 4 Number 3

September 2019

Equation Calculating Internal Energy Change Derived from the Clausius Inequality

Chengshu Jin..... 117

Nonthermal Distribution of Electro-negative Light-ions in Heavy-ion-acoustic Solitary and Shock Structures

M. M. Haider, I. Sultana, S. Khatun, J. Nasrin, N. Tasnim, O. Rahman, S. Akter 124

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
Prof. Rami Ahmad El-Nabulsi	Athens Institute for Education and Research, Greece

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)