

ISSN: 2415-6469(Online) ISSN: 2415-6450(Print)

# ADVANCES IN ASTROPHYSICS

Vol. 2, No. 4, November 2017



ISAAC SCIENTIFIC  
PUBLISHING



9 772415 645008

## TABLE OF CONTENTS

Volume 2 Number 4

November 2017

### Analytical Relationships Between Source-receiver Distances, Redshifts and Luminosity Distances under Pure Modes of Expansion

Denis Michel ..... 217

### Bianchi Type- II Universe with Anisotropic Dark Energy in Lyra Geometry

R. K. Dubey, Shri Ram, Neelam Yadav, Vipendra Dwivedi ..... 231

# **Advances in Astrophysics (AdAp)**

## **EDITOR-IN-CHIEF**

**Prof. Michael D. Smith**                      The University of Kent, UK

## **EDITORIAL BOARD**

<b>Prof. David F. Mota</b>	University of Oslo, Norway
<b>Prof. G. Parthasarathy</b>	CSIR- National Geophysical Research Institute, India
<b>Prof. Luigi Maximilian Caligiuri</b>	University of Calabria, Italy
<b>Dr. Athina Meli</b>	University of Gent, Belgium
<b>Dr. AbdulRazaq Abdulraheem</b>	Kwara State University, Nigeria
<b>Prof. A A Mamun</b>	Jahangirnagar University, Bangladesh
<b>Prof. Hiroshi Uechi</b>	Osaka Gakuin University, Japan
<b>Prof. Nalin Chandra Wickramasinghe</b>	University of Buckingham, UK
<b>Dr. Shahid Ali</b>	National Centre for Physics (NCP), Pakistan
<b>Prof. Ram Krishan Sharma</b>	Karunya University, India
<b>Prof. Boris V. Alexeev</b>	Moscow Fine Chemical Technology Institute, Russia
<b>Dr. Gennady Ya. Smolkov</b>	Institute of Solar-Terrestrial Physics, Russia

## **SUBSCRIPTIONS**

Advances in Astrophysics (AdAp) (Online at [www.isaacpub.org](http://www.isaacpub.org)) is published quarterly by Isaac Scientific Publishing. For printed journal subscription, please contact: [service@isaacpub.org](mailto:service@isaacpub.org)  
Subscription rates: \$29 per issue (by air mail)

## **ADVERTISEMENTS & REPRINTS**

For advertisements and reprints affairs, please contact: [service@isaacpub.org](mailto: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)