

# Table of Contents

**Volume 13 Number 3**
**September 2023**
**Exploration of Traversable Wormholes Sustained by an Extra Spatial Dimension**

- P. K. F. Kuhfittig.....141

**New Probability Distributions in Astrophysics: XI. Left Truncation for the Topp-Leone Distribution**

- L. Zaninetti.....154

**A New Approach to the Dark Matter/Dark Energy Puzzle**

- M. J. Longo.....166

**The RXTE/PCA 35-Day X-Ray Lightcurve of Hercules X-1**

- D. Leahy, S. G. Enriquez.....172

**Correlation in Gamma Ray Burst Time Delays between Pairs of Radio Photons**

- G. G. Nyambuya, S. Marusenga, G. F. Abbey, P. C. Simpemba, J. Simfukwe.....195

**Exploring Inflation Options for Warm Dark Matter Coupled to the Higgs Boson**

- B. Hoeneisen.....217

**The Role of Atmospheric Pressure, Temperature, and Humidity on Cosmic Ray Muons at a Low Latitude Station**

- A. H. Maghrabi, S. A. Alzahrani, A. S. Alruhaili.....236

**Total Electron Content during Recurrent and Quiet Geomagnetic Periods at the Koudougou Station in Burkina Faso**

- S. Sawadogo, D. A. Gnabahou, T. Pahima, F. Ouattara.....259