

CONSTRAINTS ON THE NEUTRINO MAGNETIC DIPOLE MOMENT: THE TIP-RGB LUMINOSITY OF GLOBULAR CLUSTERS <i>S. Arceo-Díaz, K-P. Schröder, K. Zuber &amp; D. Jack</i>	151
RADIAL ABUNDANCE GRADIENTS FROM PLANETARY NEBULAE AT DIFFERENT DISTANCES FROM THE GALACTIC PLANE <i>W. J. Maciel, R. D. D. Costa &amp; O. Cavichia</i>	165
APPROXIMATE ANALYTICAL SOLUTION FOR THE ISOTHERMAL LANE EMDEN EQUATION IN A SPHERICAL GEOMETRY <i>Moustafa Aly Soliman &amp; Yousef Al-Zeghayer</i>	175
NEW RADIAL SYSTEMS OF DARK GLOBULES <i>A. L. Gyulbudaghian &amp; R. A. Mendez</i>	183
APPROXIMATE ANALYTIC SOLUTIONS FOR THE IONIZATION STRUCTURE OF A DUSTY STRÖMGREN SPHERE <i>A. C. Raga &amp; V. Lora</i>	189
KINEMATICS AND VELOCITY ELLIPSOID OF THE SOLAR NEIGHBORHOOD WHITE DWARFS <i>W. H. Elsanhoury, M. I. Nouh, &amp; H. I. Abdel-Rahman</i>	199
THE NATURE OF THE CM-MM EMISSION IN CLOSE WOLF-RAYET BINARIES <i>G. Montes, A. Alberdi, M. A. Pérez-Torres &amp; R. F. González</i>	209
PLANETARY NEBULAE IN 2014: A REVIEW OF RESEARCH <i>A. A. Zijlstra</i>	221
RECOMBINATION AND COLLISIONALLY EXCITED BALMER LINES <i>A. C. Raga, A. Castellanos-Ramírez, A. Esquivel, A. Rodríguez-González, &amp; P. F. Velázquez</i>	231
APPROXIMATE ANALYTIC SOLUTIONS FOR THE IONIZATION STRUCTURE OF A PRESSURE EQUILIBRIUM STRÖMGREN SPHERE <i>A. Tinoco Arenas, M. González Bolívar, R. Medina Covarrubias, &amp; A. C. Raga</i>	241
DO COMETS C/1861 G1 (THATCHER) AND C/1861 J1 (GREAT COMET) HAVE A COMMON ORIGIN? <i>R. L. Branham</i>	247
ON THE EQUILIBRIUM OF A DISTORTED HETEROGENEOUS ELLIPOIDAL MASS. II: THE STABILITY OF HOMOGENEOUS SPHEROIDAL FIGURES <i>J. U. Cisneros Parra, F. J. Martínez Herrera, &amp; J. D. Montalvo Castro</i>	255

## CONTENTS

ERRATUM: “SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONÓMICO NACIONAL. VI.”(RMXAA, 2015, 51, 65)	
<i>V. G. Orlov &amp; V. V. Voitsekhovich</i>	267
AUTHOR INDEX	269