

OPTICAL POLARIZATION OF SOLAR TYPE STARS WITH DEBRIS DISKS <i>L. García & M. Gómez</i>	1
INTRAGROUP DARK MATTER DISTRIBUTION IN SMALL GROUPS OF HALOS IN A Λ CDM COSMOLOGY <i>H. Aceves, F. J. Tamayo, L. Altamirano-Dévora, F. G. Ramón-Fox, R. Cañas & M. Reyes-Ruiz</i>	11
HII REGIONS IN HYDROSTATIC BALANCE BETWEEN GAS PRESSURE, RADIATION PRESSURE AND GRAVITY <i>A. C. Raga, J. Cantó, G. Meléma, A. Rodríguez-González, & A. Esquivel</i>	25
RADIO EMISSION VARIABILITY AND PROPER MOTIONS OF WR 112 <i>J. O. Yam, S. A. Dzib, L. F. Rodríguez & V. Rodríguez-Gómez</i>	33
INTERACTION BETWEEN THE IGM AND A DWARF GALAXY <i>V. Lora, A. C. Raga, & E. K. Grebel</i>	39
BINARY NATURE OF THE HADS STARS AN LYN & BE LYN <i>J. H. Peña, A. Rentería, C. Villarreal, A. Pani, H. Huepa, J. L. Huepa, A. Bernal, A. Arenas, C. García, R. León, E. Ramírez, O. Trejo, E. Colorado, M. Sánchez-Cruces & J. S. Rechy-García</i>	49
A NEW APPROXIMATE ANALYTIC SOLUTION FOR THE IONIZATION STRUCTURE OF A STRÖMGREN SPHERE <i>A. C. Raga</i>	59
SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONÓMICO NACIONAL. VI. <i>V. G. Orlov & V. V. Voitsekhovich</i>	65
MULTICOLOR <i>UBVRI</i> POLARIMETRY OF NGC 4755 AND THE β CEPHEI POPULATION <i>E. I. Vega, A. M. Orsatti, & R. E. Martínez</i>	73
COLOR-DENSITY RELATION IN THE LOW Z SAMPLE OF THE SDSS DR10 <i>Xin-Fa Deng</i>	89
A VIRTUAL OBSERVATORY FOR PHOTOIONIZED NEBULAE: THE MEXICAN MILLION MODELS DATABASE (3MDB). <i>C. Morisset, G. Delgado-Inglada, N. Flores-Fajardo</i>	101
ON THE EQUILIBRIUM OF A DISTORTED HETEROGENEOUS ELLIPOIDAL MASS. I. THE HOMOGENEOUS MASS <i>J. U. Cisneros Parra, F. J. Martínez Herrera, & J. D. Montalvo Castro</i>	119

CONTENTS

CHEMICAL ABUNDANCES AND PHYSICAL PARAMETERS OF HII REGIONS IN THE MAGELLANIC CLOUDS

*Rafael Edgardo Carlos Reyes, Felipe Américo Reyes Navarro, Jorge Meléndez,
João Steiner, & Flavio Elizalde* 133