

THE SAN PEDRO MÁRTIR PLANETARY NEBULA KINEMATIC CATALOGUE: EXTRAGALACTIC PLANETARY NEBULAE	
<i>M. G. Richer, J. A. López, E. Díaz-Méndez, H. Riesgo, S.-H. Báez, Ma. T. García-Díaz, J. Meaburn, D. M. Clark, R. M. Calderón Olvera, G. López Soto, &amp; O. Toledano Rebolo</i>	191
ON THE SIZE OF THE NON-THERMAL COMPONENT IN THE RADIO EMISSION FROM CYG OB2 #5	
<i>L. F. Rodríguez, Y. Gómez, L. Loinard, &amp; A. J. Mioduszewski</i>	215
ECHELLE SPECTROSCOPY OF THE NUCLEI OF THE HIGHLY COLLIMATED BIPOLEAR PLANETARY NEBULAE M 2-9 AND M 1-91	
<i>S. Torres-Peimbert, A. Arrieta, &amp; M. Bautista</i>	221
SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONÓMICO NACIONAL. II	
<i>V. G. Orlov, V. V. Voitsekhovich, J. L. Rivera, C. A. Guerrero, &amp; F. Ortiz</i>	245
COMPACT RADIO SOURCES IN THE VICINITY OF THE ULTRACOMPACT HII REGION G78.4+2.6	
<i>C. Neria, Y. Gómez, &amp; L. F. Rodríguez</i>	253
ORBITAL ELEMENTS FOR EIGHT BINARIES. STUDY OF THE NATURE OF WIDE COMPONENTS. I	
<i>F. M. Rica Romero</i>	263
SPECTRAL VARIABILITY OF ROMANO'S STAR	
<i>O. Maryeva &amp; P. Abolmasov</i>	279
<i>uvby - β</i> PHOTOELECTRIC PHOTOMETRY OF CEPHEID STARS	
<i>J. H. Peña, A. Arellano Ferro, R. Peña-Miller, M. Álvarez, Y. Rosas, H. García, G. Muñoz, B. Vargas, J. P. Sareyan, C. A. Guerrero, &amp; A. Rentería</i>	291
HYPERCRITICAL ACCRETION ONTO A MAGNETIZED NEUTRON STAR SURFACE: A NUMERICAL APPROACH	
<i>C. G. Bernal, W. H. Lee, &amp; D. Page</i>	309
THE IMPORTANCE OF NUCLEUS ROTATION IN DETERMINING THE LARGEST GRAINS EJECTED FROM COMETS	
<i>A. Molina</i>	323
FUNCTIONAL RELATIONSHIPS FOR $T_{\text{eff}}$ AND $\log g$ IN F-G SUPERGIANTS FROM <i>uvby - β</i> PHOTOMETRY	
<i>A. Arellano Ferro</i>	331
ATOMIC SPECIES IN THE SPECTRUM OF THE HG-MN STAR HD 53244	
<i>N. L. Maza, H. Levato, &amp; Z. López-García</i>	339

## CONTENTS

COMPACT RADIO SOURCES APPARENTLY ASSOCIATED WITH EXTENDED GALACTIC SOURCES	<i>A. Trejo &amp; L. F. Rodríguez</i>	349
ON THE NATURE OF THE NON-THERMAL RADIO SOURCE AT THE CENTER OF THE ORION STREAMERS	<i>A. Trejo &amp; L. F. Rodríguez</i>	357
THE ABSOLUTE PARAMETERS FOR NSVS 11868841 AND THE OVER-SIZED STARS IN LOW-MASS ECLIPSING BINARIES	<i>Ö. Çakırh, C. İbanoğlu, &amp; A. Dervişoğlu</i>	363
A REASSESSMENT OF THE KINEMATICS OF PV CEPHEI BASED ON ACCURATE PROPER MOTION MEASUREMENTS		
<i>L. Loinard, L. F. Rodríguez, L. Gómez, J. Cantó, A. C. Raga, A. A. Goodman, &amp; H. G. Arce</i>		375
CCD <i>UBVRI</i> PHOTOMETRY OF THE GALACTIC OPEN CLUSTERS: BE 89, RU 135, AND BE 10		
<i>I. Akkaya, W. J. Schuster, R. Michel, C. Chavarría-K, A. Moitinho, R. Vázquez, &amp; Y. Karataş</i>		385
STAR IMAGE SHAPE TRANSFORMER FOR ASTRONOMICAL SLIT SPEC-TROSCOPY	<i>O. Cardona, A. Cornejo-Rodríguez, &amp; P. C. García-Flores</i>	431
AUTHOR INDEX		439