

COMPUTING POLYTROPIC AND ISOTHERMAL MODELS USING MONTE CARLO METHOD <i>Mohamed I. Nouh, Essam A. Elkholy, & Samah H. El-Essawy</i>	3
RADIO PROPER MOTIONS OF THE NEARBY ULTRA-COOL DWARF BINARY VHS 1256–1257AB <i>L. F. Rodríguez, S. A. Dzib, L. A. Zapata, & L. Loinard</i>	13
XOOKSUUT: A BAYESIAN TOOL FOR MODELING CIRCULAR AND NON-CIRCULAR FLOWS ON 2D VELOCITY MAPS <i>C. López-Cobá, Lihwai Lin, & Sebastián F. Sánchez</i>	19
THE CALAR ALTO LEGACY INTEGRAL FIELD AREA SURVEY: SPATIAL RESOLVED PROPERTIES <i>S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña</i>	41
INVESTIGATION ON FOUR CONTACT BINARY SYSTEMS AND A SEMI-DETACHED ONE AT THE BEGINNING OF THE CONTACT PHASE <i>F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo</i>	69
CCD PHOTOMETRY OF THE GLOBULAR CLUSTER NGC 5897 <i>A. Ruelas-Mayorga, L. J. Sánchez, E. Macías-Estrada, & A. Nigoche-Netro</i>	83
THE FIRST MULTICOLOUR PHOTOMETRY OF THE V840 LYR CONTACT BINARY STAR <i>M. Tanriver, R. Michel, A. Bulut, H. Aceves, & A. Keskin</i>	99
COMPACT RADIO SOURCES IN THE FIELD OF TYCHO'S SUPERNOVA REMNANT <i>Luis F. Rodríguez, Vanessa Yanza, & Sergio A. Dzib</i>	113
ASTRONOMICAL TESTS OF A MEDIUM FORMAT DIGITAL CAMERA ON A LARGE SCHMIDT TELESCOPE <i>F. Della Prugna</i>	121
SNIA DETECTION ANALYSIS RESULTS FROM REAL AND SIMULATED IMAGES USING SPECIALIZED SOFTWARE <i>Juan Pablo Reyes, Marcela Hernández Hoyos, & Dominique Fouchez</i>	125
TESTING AN ENTROPY ESTIMATOR RELATED TO THE DYNAMICAL STATE OF GALAXY CLUSTERS <i>J. M. Zúñiga, C. A. Caretta, A. P. González, & E. García-Manzanárez</i>	141
ASTRONOMICAL SIGNALS IN BRIGHTEST FIREBALLS FALLEN ON EARTH <i>D. Maravilla, M. Pazos, & G. Cordero</i>	165

CONTENTS

CCD PHOTOMETRY OF TRAPEZIA STARS I <i>A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A. Nigoche-Netro</i>	177
ERRATUM: A PECULIAR GALAXY NEAR M104 WITH NEW INSIGHTS FROM VIRTUAL OBSERVATORY TOOLS (RMxAA, 2023, 59, 323-326) <i>E. Quiroga</i>	199