CONTENTS

THE ANGULAR POWER SPECTRUM OF DUST-OBSCURED GALAXIES AND ITS IMPACT ON SUNYAEV ZEL'DOVICH STUDIES
A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga 19

A VARIABLE IMF SLOPE TO FIT THE LCDM PICTURE TO OBSERVED HIGH-Z SUBMILLIMETER SOURCES
A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce 21

THE COSMIC STAR FORMATION HISTORY
M. A. Muñoz-Gutiérrez & V. Avila-Reese 23

FIRST STARS FORMATION WITH THE PRESENCE OF A PRIMORDIAL MAGNETIC FIELD *R. Núñez-López & A. Lipovka* 25

GALAXIES (INCLUDING AGNS)

THE DARK AND STELLAR MASS ASSEMBLY OF GALAXIES
V. Avila-Reese & C. Firmani 27

MODELING STELLAR POPULATIONS NEAR AND FAR *G. Bruzual A.* 36

3D VISUALIZATION OF EVOLUTIONARY DIAGRAMS FOR QUASARS IN THE PARAMETERS SPACE 4DE1
O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic 42

LONG-TERM OPTICAL PHOTOPOLARIMETRIC MONITORING OF BLAZARS AT SAN PEDRO MÁRTIR
E. Benítez, J. Heidt, D. Hiriart, I. Agudo, J. I. Cabrera, D. Dultzin, M. M. González, J. M. López, R. Mújica, K. Nilsson, R. Sacahui, & M. Sorcia 44

SOLAR ORIGINS: PLACE AND CHEMICAL COMPOSITION
L. Carigi & M. Peimbert 46

DISRUPTION OF DWARF SATELLITE GALAXIES WITHOUT DARK MATTER *R. A. Casas & P. Kroupa* 48

LIGHTCURVES OF HST-1 IN M87 *Y. Coronado & S. Mendoza* 50

THE EVOLUTION OF THE OBSERVED HUBBLE SEQUENCE OVER THE PAST 6GYR
R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues 52

THE ROLE OF TIDAL DWARF GALAXIES IN GALAXY EVOLUTION
D. F. de Mello, C. Mendes de Oliveira, S. Torres-Flores, & F. Urrutia-Viscarra 54

SUPERNOVA FEEDBACK AND THE BEND OF THE TULLY-FISHER RELATION *M. E. De Rossi, P. B. Tissera, & S. E. Pedrosa* 56

INDUCED NUCLEAR ACTIVITY IN GALAXY PAIRS
F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea 58

CHEMICAL ABUNDANCES OF DWARF SPIRAL GALAXIES
A. M. Hidalgo-Gámez, A. Moranchel-Basurto, & J. J. González 60

NGC 3516: SPECTRAL FEATURES AND THEIR RELATION WITH X-RAY VARIABILITY IN TIME *E. M. Huerta, Y. Krongold, & E. Jiménez-Bailón* 62

THE UNIVERSALITY OF THE FUNDAMENTAL PLANE FOR GALAXIES AND GALAXY SYSTEMS: M/L *H. J. Ibarra-Medel & O. López-Cruz* 64