

LISTA DE RESUMENES/LIST OF ABSTRACTS

INTERSTELLAR MEDIUM AND STAR FORMATION

PHYSICAL PARAMETERS IN INTERSTELLAR MATTERS, *Z. Abraham & J.W.S. Vilas Boas* 93

INTERSTELLAR MATTER AROUND THE WOLF-RAYET STAR HD 50896, *E.M. Arnal & C.E. Cappa* 93

MOLECULAR MATERIAL ASSOCIATED WITH THE GALACTIC SUPERNOVA REMNANT G18.8+0.3, *E.M. Arnal, G. Dubner, & W.M. Goss* 93

CO IN SOUTHERN BARRED GALAXIES, *E. Bajaja & R. Wielebinski* 93

OBSERVAÇÃO DE MASERS DE METANOL, *N. Beraldo e E. Scalise Jr.* 94

YOUNG MASSIVE STARS IN THE GALACTIC DISK, *L. Bronfman* 94

BURBUJAS DE GAS NEUTRO ALREDEDOR DE ESTRELLAS DEL TIPO O, *C. Cappa de Nicolau, V.S. Niemela, y P. Benaglia* 94

COMPACT AMMONIA SOURCES TOWARD THE G10.5+0.0 H II REGION COMPLEX, *G. Garay, L.F. Rodríguez, & J.M. Moran* 95

THE ABUNDANCE OF CH⁺ IN TRANSLUCENT MOLECULAR CLOUDS: TESTING SHOCK MODELS, *R. Gredel, E.F. van Dishoeck, & J.H. Black* 95

SEARCHING FOR PROTOPLANETARY DISKS AROUND YOUNG STARS, *J.F. Gómez, J.M. Torrelles, L.F. Rodríguez, J. Cantó, & P.T.P. Ho,* 96

NUMERICAL MODELS FOR SHOCKS AND WAVE PROPAGATION IN DENSE CLOUD CORES, *A. Hetem Jr. & J.R.D. Lépine* 96

ALFVÉN WAVES AND TURBULENCE IN MOLECULAR CLOUDS, *V. Jatenco-Pereira & R. Opher* 96

EL POLVO INTERESTELAR EN LA REGION DE ETA CARINAE, *H.G. Marraco, R. Martínez, y E.I. Vega* 96

HVC 131+1-200: ¿COLISION DE UNA NUBE DE ALTA VELOCIDAD CON EL PLANO GALACTICO?, *R. Morras, E.M. Arnal, y E. Bajaja* 97

H I STRUCTURES IN OB ASSOCIATIONS, *J.R. Rizzo, E.M. Arnal, & E. Bajaja* 97

OBSERVATIONAL ANALYSIS OF TWO GLOBULAR FILAMENTS IN LUPUS, *J.R. Rizzo, R. Morras, & E.M. Arnal* 97

ON THE NATURE OF THE EXCITATION OF THE HERBIG-HARO OBJECT 2, *J.M. Torrelles, L.F. Rodríguez, J. Cantó, G. Anglada, J.F. Gómez, S. Curiel, & P.T.P. Ho* 97

PICO DOS DIAS SURVEY: A SEARCH FOR YOUNG STELLAR OBJECTS (YSO). PROGRESS REPORT, *C.A.O. Torres, G.R. Quast, J.R.D. Lépine, T. Gregório-Hetem, & R. De la Reza* 97

MOLECULAR GAS IN CENTAURUS A. THE ¹²CO J = 2-1 MAP, *W. Wild, M. Cameron, A. Eckart, R. Genzel, H. Rothmel, G. Rydbeck, & T. Wiklund* 98

STARS AND CLUSTERS

BLUE STRAGGLERS IN OPEN CLUSTERS, *J. Ahumada & E. Lapasset* 98

OPTICAL IDENTIFICATION OF ROSAT X-RAY SOURCES AT THE GUILLERMO HARO OBSERVATORY, *I. Appenzeller, C. Chavarría, L. Corral, T. Fleming, G. Hasinger, J. Krautter, R. Mújica, M. Pakull, L. Terranegra, J. Trümper, & F.J. Zickgraf* 98

CALIBRATIONS OF M_V, [Fe/H] AND LOG G FOR YELLOW SUPERGIANT STARS, *A. Arellano Ferro & E.E. Mendoza V.* 99

EVOLUTION OF HELIUM STARS IN MASSIVE CLOSE BINARY SYSTEMS, *V. Avila Reese* 99

THE TEMPERATURE SCALE FOR A-G SUPERGIANTS FROM 13-COLOR PHOTOMETRY, *H. Bravo Alfaro, A. Arellano Ferro, & W.J. Schuster* 100

METALLICITIES OF METAL-RICH STARS, *S. Castro & B. Barbuy* 100

THE SANDAGE PERIOD-SHIFT EFFECT FOR GALACTIC GLOBULAR CLUSTERS: AN ANALYSIS OF EVOLUTIONARY PREDICTIONS, *M. Catelan* 100

RIGOROUS TREATMENT OF THE RADIATIVE TRANSFER EQUATION IN A SPHERICALLY SYMMETRIC MEDIUM WITH VELOCITY FIELDS APPLIED TO LINE PROFILES OF Be STARS, *L.S. Cidale & A.E. Ringuelet* 101

NEW DDO ABUNDANCE CALIBRATIONS FOR POPULATION I AND II RED GIANTS: APPLICATION TO THE STUDY OF THE CHEMICAL EVOLUTION OF THE DISK, *J.J. Clariá, A. Piatti, D. Minniti, & E. Lapasset* 101

THE MOMENTUM PROBLEM IN WOLF-RAYET STARS, *L.C. dos Santos, V. Jatenco-Pereira, & R. Opher* 101

CCD PHOTOMETRY OF THE YOUNG OPEN CLUSTER NGC 1962-65-66-70, *A. Feinstein, W. Seggerwiss, R. Vázquez, & J.M. Will* 102

THE ONSET OF CHROMOSPHERES AND CORONAS AT LATE A-TYPE STARS, *R. Freire Ferrero* 102

- PARTIAL REDISTRIBUTION OF RADIATION FOR THE 2 AND 3 LEVEL ATOM PLUS CONTINUUM, *R. Freire Ferrero & L. Cidale* 102
- A NEW FORMULATION OF THE LIMB-DARKENING EFFECT, *R. Freire Ferrero* 102
- METALLICITIES OF OLD OPEN CLUSTERS LOCATED IN THE THIRD GALACTIC QUADRANT, *D. Geisler, J.J. Clariá, & D. Minniti* 102
- ABUNDANCES FROM HIGH DISPERSION SPECTRA OF METAL-POOR GLOBULAR CLUSTER GIANTS, *D. Geisler, D. Minniti, R. Peterson, & J.J. Clariá* 103
- PHOTOELECTRIC PHOTOMETRY OF BLUE STRAGGLERS IN SOUTHERN OPEN CLUSTERS, *E. Lapasset & J. Ahumada* 103
- TiO BANDS IN EARLY TYPE GALAXIES, *A. Milone & B. Barbuy* 103
- A NEW DDO CALIBRATION OF EFFECTIVE TEMPERATURE FOR EVOLVED LATE-TYPE STARS, *A. Piatti & J.J. Clariá* 104
- A CATALOGUE OF NEARBY WIDE BINARY AND MULTIPLE STARS, *A. Poveda, M.A. Herrera, C. Allen, G. Cordero, & C. Lavalley* 104
- GLOBULAR CLUSTER SYSTEMS IN ELLIPTICAL GALAXIES, *M. Rabolli, R. Madejsky, G. Marani, I. Vega, & L. Bassino* 104
- OXYGEN ABUNDANCES FROM PERMITTED AND FORBIDDEN LINES, *S.C.F. Rossi, B. Barbuy, & S. Castro* 105
- CCD *BVRI* PHOTOMETRY OF STARS IN THE GALACTIC BULGE, *A. Ruelas-Mayorga, S. West, & A. Peimbert* 105
- DETECCION DEL P III EN HD 153919, *G.R. Solivella* 105
- ON THE ABSOLUTE MAGNITUDE OF THE METAL RICH RR LYRAE STAR V9 IN 47 TUC, *J. Storm, J. Andersen, B.W. Carney, B. Nordström, & C. Williams* 105
- STUDY OF THE IR EXCESS IN EARLY TYPE STARS. AN EXPANDING ATMOSPHERIC MODEL WHICH INCLUDES A CHROMOSPHERIC REGION, *A.C. Vázquez & L.S. Cidale* 106
- CATALOGUE OF OB TYPE STARS, *R. Vázquez, L. Etchemaite, R. Martínez, & A. Feinstein* 106
- POLARIMETRIC STUDY OF THE IC 2944 STELLAR AGGREGATE, *E.I. Vega, A.M. Orsatti, & H.G. Marraco* 106
- DIFFERENTIAL *uvby* PHOTOMETRY OF SOUTHERN Be STARS. HIGHLIGHTS FROM THE RECENT ANALYSIS OF LTPV DATA, *N. Vogt & R. Mennickent* 107
- LATE STAGES OF STELLAR EVOLUTION**
- OSCILLATORY LUMINOSITY PROFILES AND PULSARS, *R.O. Aquilano & L.A. Núñez* 107
- SOUTHERN RS CVN SYSTEMS *UBVRI* PHOTOMETRY, *M.L. Berríos S., M. Maldini S., J. Fernández L., & S. Char C.* 107
- OPTICAL STUDY OF LMXBs WITH HIGH TEMPORAL RESOLUTION FROM CASLEO. EVIDENCE OF NON-THERMAL FLARES FROM MXB 1735-44, *G. Beskin, S. Neizvestny, V. Plokhotnichenko, M. Popova, A. Zhuravkov, O. Benvenuto, C. Feinstein, & M. Méndez* 108
- IDENTIFICATION OF NEW SYMBIOTIC STARS, *D. Cieslinski, F. Elizalde, & J.E. Steiner* 108
- FURTHER OCCULTATIONS OF THE CENTRAL STAR IN NGC 2346?, *R. Costero, M. Peña, W.J. Schuster, M. Tapia, & J. Echevarría* 108
- HIGH RESOLUTION TIME-RESOLVED UCLES SPECTROSCOPY OF AE AQR, *J. Echevarría, F. Diego, D. Mills, & R.C. Smith* 109
- MODELING PHOTOIONIZED ASTROPHYSICAL NEBULAE, *F. Elizalde & J.E. Steiner* 109
- ON THE SPECTRUM OF BL 3-14, *A. Gutiérrez-Moreno & H. Moreno* 109
- CHEMICAL ABUNDANCE BEHAVIOR OF TYPE I PLANETARY NEBULAE, *J.L. Jiménez O., & M. Fernández-Abans* 110
- H₂ V=1-0 (S1) IMAGES OF SOUTHERN PLANETARY NEBULAE, *J.A. López, M. Roth, & M. Tapia* 110
- EPISODIC SYMMETRIC JETS IN THE PLANETARY NEBULA FG 1, *J.A. López, M. Roth, & M. Tapia* 110
- TIME EVOLUTION OF GALACTIC ABUNDANCE GRADIENTS, *W.J. Maciel & J. Köppen* 110
- DIFFERENTIAL CCD PHOTOMETRY OF WX CET, AQ ER1 AND CU VEL, *R. Mennickent & N. Vogt* 111
- ULTRAVIOLET AND OPTICAL SPECTRA OF CENTRAL STARS OF HALO PLANETARY NEBULAE, *M. Peña, S. Torres-Peimbert, & M.T. Ruiz* 111
- COMPOSITION OF THE ATMOSPHERES OF COOL WHITE DWARFS, *M.T. Ruiz, P. Bergeron, & S.K. Leggett* 112
- SPECTROPHOTOMETRY OF SELECTED PLANETARY NEBULAE OF TYPE I IN THE MAGELLANIC CLOUDS, *S. Torres-Peimbert, M. Peimbert, M.T. Ruiz, & M. Peña* 112
- NOVAE AND SUPERNOVAE**
- NOVA V2214 OPHIUCHI 1988. A SLOW MAGNETIC NOVA INSIDE THE PERIOD GAP, *R. Baptista, F.J. Jablonski, D. Cieslinski, & J.E. Steiner* 112
- RAPID OPTICAL VARIABILITY OF THE X-RAY PULSATOR GX 1+4, *J. Braga, F.F. Jablonski, F. Elizalde, & J.E. Steiner* 113
- EVOLUCION DE LA POLARIZACION DE LA SN 1987A, *O. Benvenuto, C. Feinstein, y M. Méndez* 113
- VLA OBSERVATIONS OF THE SUPERNOVA REMNANT 3C400.2, *G. Dubner, E. Giacani, W.M. Goss, & P.F. Winkler* 113
- THE 1990 CALAN/CTIO SUPERNOVA SEARCH, *M. Hamuy, J. Maza, M.M. Phillips, N.B. Suntzeff, M. Wisniewsky, R. Antezana, L.A. Wells, L.E. González, P. Gigoux, M. Navarrete, F. Barrientos, R. Lamontagne, M. Della Valle, J.E. Elias, A.C. Phillips, S.C. Odewahn, J.A. Baldwin, A.R. Walker, T. Williams, C.R. Sturch, F.K. Baganoﬀ, B.C.*

Chaboyer, R.A. Schommer, H. Tirado, M. Hernández, P. Ugarte, P. Guhathakurta, S.B. Howell, P. Szkody, P.C. Schmidtke, & J. Roth 114

THE 1992 OUTBURST OF THE SU UMA-TYPE DWARF NOVA HV VIRGINIS, *E.M. Leibowitz, H. Mendelson, A. Bruch, H.W. Duerbeck, W.C. Seitter, & G.A. Richter* 114

SEARCHING FOR EXTRAGALACTIC SUPERNOVA REMNANTS, *R.C. Smith, W.P. Blair, R.P. Kirshner, K.S. Long, & P.F. Winkler* 114

OBSERVATIONS OF SN1987A FROM 0.15 TO 2.00 MeV, *T. Villela, R.C. Cesta, N. Figueiredo, & U.B. Jayanthi* 115

GALACTIC STRUCTURE AND MAGELLANIC CLOUDS

THE TRANSVERSAL MOTION OF THE LARGE MAGELLANIC CLOUD, *C. Anguita & J. Maza* 115

SOME REFINEMENTS IN CHEMICAL EVOLUTION MODELS. I. A DERIVATION OF THE PRODUCTION TERM, *L.I. Arany-Prado* 115

THE MACHO EFFECT OF BINARIES AND PLANETARY SYSTEMS, *A.D. Bolatto & E.E. Falco* 116

BAR INDUCED PERTURBATIONS ON THE LMC DISK, *H. Dottori, E. Bica, J.J. Clariá, & I. Puerari* 116

PROPAGATION OF STAR FORMATION SOUTH OF 30 DOR?, *E.K. Grebel & J. Melnick* 116

SPACE DISTRIBUTION AND METALLICITIES OF GLOBULAR CLUSTERS. THE DISTANCE TO THE GALACTIC CENTRE, *W.J. Maciel* 117

MOLECULAR CLOUDS IN THE OUTER SOUTHERN GALAXY, *J. May, H. Alvarez, & L. Bronfman* 117

STATISTICAL REQUIREMENTS FOR A GALACTIC STRUCTURE STUDY, *R.A. Méndez, I. Platais, T.M. Girard, & W.F. van Altena* 117

SMALL MOLECULAR CLOUDS TOWARD THE GALACTIC CENTRE, *A. Moneti* 118

ON THE ORIGIN OF THE RADIAL ORBIT INSTABILITY, *J.C. Muzio, P.M. Cincotta, & J.A. Núñez* 118

THE STELLAR CONTENT OF THE OB ASSOCIATION LH 47 IN THE LMC, *V.S. Niemela, G. Testor, & M.-C. Lortet* 118

ENCOUNTERS WITH GIANT INTERSTELLAR CLOUDS AND MASS EXTINCTIONS, *C.A. Olano* 118

OXYGEN ABUNDANCES IN THE LMC, *J.A. de Freitas Pacheco & B. Barbuy* 119

PHYSICAL CONDITIONS IN H II REGIONS OF THE SMALL MAGELLANIC CLOUD AND THE PREGALACTIC HELIUM ABUNDANCE, *M. Peimbert, S. Torres-Peimbert, & M.T. Ruiz* 119

THE NEUTRAL PHASES IN THE LOCAL INTERSTELLAR MEDIUM AT $|b| \geq 10^\circ$ AND LOW VELOCITIES, *W.G.L. Pöppel, P. Marronetti, & P. Benaglia* 119

SOME REFINEMENTS IN CHEMICAL EVOLUTION MODELS. II. A ONE-ZONE MODEL WITH REFUSES, *H.J. Rocha-Pinto, L.I. Arany-Prado, & W.J. Maciel* 120

KINEMATICS OF THE IONIZED HYDROGEN IN THE SMALL MAGELLANIC CLOUD, *M. Rosado, E. Le Coarer, Y.P. Georgelin, & A. Viale* 120

MOLECULAR CLOUDS IN THE SMC, *M. Rubio* 120

ACTIVE GALACTIC NUCLEI AND QUASARS

VLBI OBSERVATIONS OF 3C273 AND 3C279, *Z. Abraham & E.A. Carrara* 121

OPTICAL SPECTRAL CHARACTERISTICS OF THREE AGN CANDIDATES, *E.L. Agüero* 121

PHOTOMETRY AND INCLINATION STUDY OF THE SEYFERT GALAXIES OF THE CALAN-TOLOLO SURVEY (CTS), *L.F. Barrientos & J. Maza* 121

MBG02223-1922: A NEWLY IDENTIFIED LUMINOUS SEYFERT GALAXY, *R. Coziol, M. Peña, S. Demers, & S. Torres-Peimbert* 122

MEPISICRON SPECTROPHOTOMETRY OF SEYFERT GALAXIES, *I. Cruz-González, J. Guichard, L. Carrasco, & A. Serrano* 122

PROGRAMA DE CONSULTA DEL CATALOGO DE CUASARES DE HEWITT Y BURBIDGE 1989, *J. Espinoza G. y L.E. Campusano* 122

SYSTEMATICS OF SPIRAL GALAXY ROTATION FROM TIDAL TORQUING. COMPARISONS WITH THE DATA, *R. Flores* 123

ALFVÉN WAVES IN THE FORMATION OF QUASAR CLOUDS, *D.R. Gonçalves, V. Jatenco-Pereira, & R. Opher* 123

MOLECULAR GAS IN FIVE SOUTHERN ACTIVE GALAXIES, *N. Loiseau & F. Combes* 123

FAR INFRARED AND OPTICAL PROPERTIES OF A SAMPLE OF SEYFERT GALAXIES, *M.G. Pastoriza, C.J. Bonatto, T. Storchi-Bergmann, & E. Bica* 124

QSO ABSORPTION LINE SYSTEMS, *S.M. Viegas & R. Gruenwald* 124

THE LY α FOREST AT $4.2 < z < 4.5$, *G.M. Williger, J.A. Baldwin, R.F. Carswell, C. Hazard, M.J. Irwin, & R.G. McMahon* 124

THE LY α FOREST AT $4.2 < z < 4.5$, *G.M. Williger, J.A. Baldwin, R.F. Carswell, C. Hazard, M.J. Irwin, & R.G. McMahon* 124

THE LY α FOREST AT $4.2 < z < 4.5$, *G.M. Williger, J.A. Baldwin, R.F. Carswell, C. Hazard, M.J. Irwin, & R.G. McMahon* 124

GALAXIES AND CLUSTERS OF GALAXIES

IDENTIFICACION OPTICA DE LA RADIOGALAXIA 0409-752, *H. Alvarez, J. Aparici, J. May, y M. Navarrete* 125

CCD IMAGERY OF NGC 4861. DYNAMICAL AND EVOLUTIVE IMPLICATIONS, *C.S. Barth, H. Dottori, J. Cepa, & J. Vilchez* 125

HOW DO GIANT GALAXIES EAT DWARFS?, *L.P. Bassino, J.C. Muzio, & M. Rabolli* 125

THE RADIOGALAXY CENTAURUS A, *L.C.L. Botti & Z. Abraham* 125

ADVANCES IN STELLAR POPULATION SYNTHESIS, *G. Bruzual A.* 126

MODELADO SEMIAUTOMATICO DE SISTEMAS DE LENTES GRAVITACIONALES, *G.F. Carballo y E.E. Falco* 126

MODELADO SEMIAUTOMATICO DE SISTEMAS DE LENTES GRAVITACIONALES, *G.F. Carballo y E.E. Falco* 126

LIMITS ON THE PRIMORDIAL FLUCTUATION SPECTRUM, <i>L.N. da Costa</i>	126
MULTI-DIAPHRAGM PHOTOELECTRIC PHOTOMETRY OF SPHERICAL GALAXIES, <i>M. de Oliveira-Abans, R. de Souza, & M. Fernández-Abans</i>	127
SEARCH FOR STRUCTURES IN THE COSMIC MICROWAVE BACKGROUND RADIATION, <i>A. de Oliveira Costa & T. Villela</i>	127
OBSERVACIONES DE LENTES GRAVITACIONALES CON EL TELESCOPIO HUBBLE, <i>E.E. Falco</i>	127
ANÁLISIS DE LA FUNCIÓN DE LUMINOSIDAD $H\alpha$ DE REGIONES H II, <i>C. Feinstein y J.C. Forte</i>	128
REGIONES H II EN GALAXIAS AUSTRALES, <i>C. Feinstein y J.C. Forte</i>	128
TURBULENT MIXING LAYERS VERSUS SELF-IRRADIATING MODELS FOR OPTICAL FILAMENTS IN COOLING FLOWS, <i>A.C.S. Friaça & S.M. Viegas</i>	128
ANGULAR CORRELATION FUNCTION OF FAINT GALAXIES, <i>L. Infante</i>	128
DEPENDENCE OF THE GALAXY CORRELATION FUNCTION ON MORPHOLOGY AND CIRCULAR VELOCITY, <i>D.G. Lambas, M.A. Nicotra, & M.G. Abadi</i>	128
POPULATION SYNTHESIS ANALYSIS OF THE UV SPECTRUM OF ELLIPTICAL GALAXIES, <i>G. Magris C. & G. Bruzual A.</i>	129
EVOLUTION OF GALAXY LUMINOSITY IN THE Λ CDM MODEL, <i>M. Mosconi, P. Tissera, & D. García Lambas</i>	129
WIDE BAND PHOTOMETRY OF H II GALAXIES, <i>M. Peña & S. Ayala</i>	129
COLLISIONS OF SPHERICAL GALAXIES, <i>M.M. Vergne & J.C. Muzzio</i>	130
MERGERS OF SPHERICAL GALAXIES, <i>M.M. Vergne & J.C. Muzzio</i>	130
ASTROMETRY	
THE RIEMANN SPHERE AS SURFACE OF REFERENCE IN CELESTIAL MECHANICS, <i>C.A. Altavista</i>	130
THE IMPORTANCE OF THE CHILEAN MERIDIAN OBSERVATIONS IN THE FK5 CATALOGUE, <i>C. Anguita, G. Carrasco, P. Loyola, A. Nemiro, D. Polojentsev, V. Shishkina, & M. Zverev</i>	131
A HARD WAY TO PRECISION. 30-YEAR LONG STORY OF THE EXPERIENCE WITH THE ZVEREV PHOTOGRAPHIC VERTICAL CIRCLE, <i>B.K. Baguidinsky, G.A. Goncharov, E.V. Kornilov, V.A. Naumov, D.D. Polojentsev, S.P. Puliaev, V.D. Shkutov, E.G. Zhilinsky, & C. Torres</i>	131
SLOW IMAGE MOVEMENT, <i>P. Benevides-Soares, R. Teixeira, & Y. Réquière</i>	132
CATALOGO PRELIMINAR DE RADIO-ESTRELLAS. I. J2000.0, <i>R.A. Carestia, C.C. Mallamaci, y J.A. Pérez</i>	132
OPTICAL ASTROMETRY OF COMPACT EXTRAGALACTIC RADIOSOURCES, <i>E. Costa, P. Loyola, & M. Wischnjewsky</i>	132

PRELIMINARY RESULTS OBTAINED WITH PA II OF BEIJING ASTRONOMICAL OBSERVATORY IN SAN JUAN, *Lu Lizhi, W.T. Manrique, & R. Pedomo* 133

REDUCTION OF MERIDIAN PHOTOELECTRIC OBSERVATIONS AT THE BORDEAUX OBSERVATORY, *R. Teixeira, P. Benevides-Soares, Y. Réquière, & S. Rousseau* 133

INSTRUMENTATION

CALIBRATION AND PERFORMANCE OF THE HARD X-RAY IMAGING TELESCOPE TIMAX, *J. Braga, F. D'Amico, T. Villela, J.A. Neri, A.M.R. Alves, & E.R. Silva* 133

LARGE SOUTHERN RADIO TELESCOPE (LSRT), *L.N. da Costa* 134

SECOND ORDER UV CONTAMINATION IN ASTRONOMICAL SPECTRA, *H. Moreno, A. Gutiérrez-Moreno, S. Heathcote, & M. Hamuy* 134

MAKING MAPS OF THE LOW-FREQUENCY SKY BRIGHTNESS, *T. Villela, G. Smoot, G. De Amici, & C. Tello* 134

A BALLOON-BORNE IMAGING TELESCOPE FOR HIGH ENERGY ASTROPHYSICS, *T. Villela, J. Braga, F. D'Amico, & J.A. Neri* 135

SOLAR SYSTEM

MULTIWAVELENGTH OBSERVATIONS AND MAGNETIC FIELD MODELLING OF A SOLAR FLARE, *L.G. Bagalá, M.G. Rovira, C.H. Mandrini, P. Démoulin, & J.-C. Héroux* 135

LA CAPTURA DE COMETAS DE LA FAMILIA DE JUPITER. ESTUDIOS NUMERICOS, *J.A. Fernández y T. Gallardo* 135

DYNAMICAL BEHAVIOR OF ASTEROIDS WITH HIGH ECCENTRICITY, *S. Fernández & F. López-García* 136

C_2 SCALE LENGTH AND GAS VELOCITY IN COMET KOHOOTEK 1973 XII, *I. Ferrín & A. Carrasco* 136

PYRAMID OF THE LIGHT CURVE OF COMET KOHOOTEK 1973 F, *I. Ferrín & A. Carrasco* 136

MONOCHROMATIC OBSERVATIONS AT THE TOTAL SOLAR ECLIPSE OF 1991 JULY 11, *J. Galindo Trejo, S. Cuevas, & S. Tinoco* 137

PHOTOELECTRIC PHOTOMETRY OF ASTEROIDS 58 CONCORDIA, 122 GERDA, 326 TAMARA AND 441 BATHILDE, *R. Gil Hutton* 137

PHOTOELECTRIC PHOTOMETRY OF PERIODIC COMET FAYE, *R. Gil Hutton & J. Licandro* 137

WAVE SPECTRUM BREAK IN AN ALFVÉN WAVE DRIVEN SOLAR WIND, *V. Jatenco-Pereira, R. Opher, & L.C. Yamamoto* 137

TOPOLOGICAL ANALYSIS OF AN ACTIVE REGION MAGNETIC FIELD WITH DIFFERENT SOURCES, *M.G. Rovira, C.H. Mandrini, P. Démoulin, & J.-C. Héroux* 137

THEORETICAL MODELS OF SOLAR PROMINENCES,
M.G. Rovira & J.M. Fontenla 138

ASTROMETRIC MEASURES OF ASTEROIDS,
J.A. Naranjo & J. Stock 138

TEACHING OF ASTRONOMY

DOS EDICIONES DE UNA EXPERIENCIA DOCENTE
DE PRE-GRADO EN ASTRONOMIA,
S.A. Acero y R.O. Aquilano 138

LA ENSEÑANZA DE LA ASTRONOMIA EN LA EDU-
CACION MEDIA EN URUGUAY, *G. Vicino* 139

HISTORY OF ASTRONOMY

EL PRIMER OBSERVATORIO DE MONTEVIDEO,
G. Vicino 139