

- Núñez, J.A.** A New Verification of the Impulsive Approximation (Abstract). *P.M. Cincotta, J.C. Muzzio, & J.A. Núñez.* Vol. 21, 702, 1990
- Núñez, J.A.** On the Origin of the Radial Orbit Instability (Abstract). *J.C. Muzzio, P.M. Cincotta, & J.A. Núñez.* Vol. 26, 118, 1993
- Núñez, L.A.** Oscillatory Luminosity Profiles and Pulsars (Abstract). *R.O. Aquilano & L.A. Núñez.* Vol. 26, 107, 1993
- Núñez, N.** Absolute Spectrophotometry of Seyfert Galaxies (Research Note). *D. Dultzin-Hacyan, N. Núñez, & M.A. Herrera.* Vol. 13, 65, 1986
- Núñez, N.** Erratum: Absolute Spectrophotometry of Seyfert Galaxies. *D. Dultzin-Hacyan, N. Núñez, & M.A. Herrera.* Vol. 13, 175, 1986
- Núñez, N.S.** Period Variations and Duplicity of the  $\delta$  Scuti Star VZ Cancri (Abstract). *A. Arellano Ferro, N.S. Núñez, J.J. Avila, & J.J. Trejoluna.* Vol. 29, 218, 1994

- O'Dell, C.R.** Structure, Motion, and Composition of the Orion Nebula (Invited Paper). *C.R. O'Dell.* Vol. 27, 55, 1993
- O'Dell, C.R.** The Link between Internal Velocities in Galactic H II Regions and the Extragalactic H II Regions (Invited Paper). *C.R. O'Dell.* Vol. 18, 99, 1989
- O'Donoghue, D.** A Measurement of Secular Evolution in the Pre-White-Dwarf Star PG 1159-035 (Abstract). *D.E. Winget, S.O. Kepler, E.L. Robinson, R.E. Nather, & D. O'Donoghue.* Vol. 12, 342, 1986
- Ocaña, G.** Physical Properties of the Skylab North Polar Coronal Hole with an Extended Base and its MHD Self-Consistent Modelling. *S. Bravo & G. Ocaña.* Vol. 22, 181, 1991
- Ocegueda, J.** An Observational Study of the Herbig Ae Star VV Serpentis and R-Stars Associated with its Dark Cloud (Abstract). *C. Chavarria-K., J. Ocegueda, E. de Lara, U. Finkenzeller, & E.E. Mendoza.* Vol. 14, 338, 1987
- Odewahn, S.C.** The 1990 Calán/CTIO Supernova Search (Abstract). *Hamuy et al.* Vol. 26, 114, 1993
- Oey, M.S.** Systematics of H II Region Abundances in Galaxies (Invited Paper). *R.C. Kennicutt, M.S. Oey, D. Zaritsky, & J.P. Huchra.* Vol. 27, 21, 1993
- Olalde, J.C.** Radio-observaciones del OH en la coma del cometa Halley desde el hemisferio sur (Abstract). *A.M. Silva et al.* Vol. 14, 670, 1987
- Olano, C.A.** CO, H<sub>2</sub>CO and NH<sub>3</sub> Observations of a Comet-Shaped Cloud in the Region of the Lacerta OB1 Association (Abstract). *C.A. Olano, C.M. Walmsley, & T.L. Wilson.* Vol. 21, 728, 1990
- Olano, C.A.** Encounters with Giant Interstellar Clouds and Mass Extinctions (Abstract). *C.A. Olano.* Vol. 26, 118, 1993
- Olano, C.A.** Erratum. Neutral Hydrogen Related to Gould's Belt. *W.G.L. Pöppel, C.A. Olano, & C.E. Cappa de Nicolau.* Vol. 5, 223, 1982
- Olano, C.A.** Estudio de algunas nubes de alta velocidad del hemisferio sur (Contributed Paper). *E. Bajaja, C. Cappa de Nicolau, M.C. Martin, R. Morras, C.A. Olano, & W.G.L. Pöppel.* Vol. 14, 604, 1987
- Olano, C.A.** H I Distribution in the Region of the Lac OB1 Association (Contributed Paper). *C. Cappa de Nicolau, & C.A. Olano.* Vol. 21, 269, 1990
- Olano, C.A.** Kinematics and Distribution of Interstellar H I in the Region  $290^\circ \leq l \leq 320^\circ, +3^\circ \leq b \leq +17^\circ$  (Contributed Paper). *C.A. Olano.* Vol. 10, 159, 1985
- Olano, C.A.** Neutral Hydrogen Related to Gould's Belt (Contributed Paper). *W.G.L. Pöppel, C.A. Olano, & C.E. Cappa de Nicolau.* Vol. 6, 259, 1981
- Olano, C.A.** Origen cinemático de las nubes oscuras de Tauro y de algunos cúmulos galácticos locales (Contributed Paper). *C.A. Olano & W.G.L. Pöppel.* Vol. 14, 236, 1987
- Olgún, L.** LM1-64: A High Excitation Planetary Nebula with WR Nucleus in the LMC. *M. Peña, L. Olgún, M.T. Ruiz, & S. Torres-Peimbert.* Vol. 28, 27, 1994
- Oliveira, J.E.B.** New Development of Acousto-Optics in Brazil (Abstract). *E. Scalise Jr., N. Beraldo, J.E.B. Oliveira, W. Serbena, & C.U. Ribeiro.* Vol. 21, 750, 1990
- Oliver, J.P.** Detection of Pulsars PSR 1133+16 and 2045-16 at Low Radio Frequencies (Contributed Paper). *F. Reyes, T.D. Carr, J.P. Oliver, J. May, M. Bitrán, & J. Aparici.* Vol. 6, 219, 1981
- Olmos, F.** Maximum and Minimum Galactic Background Radiation at 45 MHz (Abstract). *J. May, H. Alvarez, J. Aparici, F. Reyes, & F. Olmos.* Vol. 10, 219, 1985
- Olmos, F.** Preliminary Flux Density Measurements of a Few Strong Southern Radiosources at 45 MHz (Contributed Paper). *H. Alvarez, J. May, J. Aparici, F. Reyes, & F. Olmos.* Vol. 10, 405, 1985

- Opher, R.** A Possible Origin of the H-H Objects in Young Stellar Outflows (Contributed Paper). *E.M. de Gouveia Dal Pino & R. Opher.* Vol. 21, 477, 1990
- Opher, R.** Alfvén Waves and Turbulence in Molecular Clouds (Abstract). *V. Jatenco-Pereira & R. Opher.* Vol. 26, 96, 1993
- Opher, R.** Alfvén Waves in the Formation of Quasar Clouds (Abstract). *D.R. Gonçalves, V. Jatenco-Pereira, & R. Opher.* Vol. 26, 123, 1993
- Opher, R.** Are the Observed Filaments in Extended Radio Sources Due to Synchrotron Radiation Thermal Instabilities? (Contributed Paper). *E.M. de Gouveia Dal Pino & R. Opher.* Vol. 21, 141, 1990
- Opher, R.** Current Generation in Extragalactic Jets by MHD Waves (Contributed Paper). *L.C. Jafelice, R. Opher, A.S. de Assis, & J. Busnardo-Neto.* Vol. 21, 145, 1990
- Opher, R.** Electrodynamic Forces in Stellar Formation (Contributed Paper). *L.C. Jafelice & R. Opher.* Vol. 12, 311, 1986
- Opher, R.** Formation of Voids from Negative Density Perturbations (Contributed Paper). *J.C.N. de Araujo & R. Opher.* Vol. 21, 38, 1990
- Opher, R.** Growth of Isothermal Perturbations During and After the Recombination Era (Contributed Paper). *J.C.N. de Araujo & R. Opher.* Vol. 12, 38, 1986
- Opher, R.** Heating and Mass Transfer in Solar and Stellar Atmospheres by Turbulent Alfvén Waves (Contributed Paper). *R. Opher & V.J.S. Pereira.* Vol. 12, 355, 1986
- Opher, R.** Is the Superluminal Motion of Compact Sources a Consequence of the Dynamics of Propagation of Thermal Instabilities? (Contributed Paper). *E.M. de Gouveia Dal Pino & R. Opher.* Vol. 21, 74, 1990
- Opher, R.** Kinetic Alfvén Waves and the Depletion of the Thermal Population in Extragalactic Jets (Contributed Paper). *L.C. Jafelice & R. Opher.* Vol. 21, 149, 1990
- Opher, R.** Magnetohydrodynamic Effects in Radio Jets (Contributed Paper). *E.M. de Gouveia Dal Pino & R. Opher.* Vol. 12, 143, 1986
- Opher, R.** Mass Ejection from Old and Young Stars and the Sun (Contributed Paper). *V. Jatenco-Pereira & R. Opher.* Vol. 21, 445, 1990
- Opher, R.** Non-Linear Effects of Self Generated Alfvén Waves in Oblique Shocks and Cosmic Ray Acceleration Efficiency (Contributed Paper). *G.A. Medina-Tanco & R. Opher.* Vol. 21, 629, 1990
- Opher, R.** Polarized Radiation from AM Herculis Binaries (Contributed Paper). *J.B.G. Canalle & R. Opher.* Vol. 12, 331, 1986
- Opher, R.** Radio Brightness Temperatures and Angular Dimensions of Recently Predicted VLBI Small-Scale Structures (Contributed Paper). *R. Opher.* Vol. 21, 504, 1990
- Opher, R.** Subjeans Condensations due to a Thermal Instability (Contributed Paper). *R. Opher & A. Válio.* Vol. 21, 314, 1990
- Opher, R.** The Accretion Column of AM Herculis (Abstract). *J.B.G. Canalle & R. Opher.* Vol. 21, 720, 1990
- Opher, R.** The Accretion Column of DQ Herculis Binaries (Contributed Paper). *J.B.G. Canalle & R. Opher.* Vol. 21, 433, 1990
- Opher, R.** The Evolution of Population III Objects (Contributed Paper). *J.C.N. de Araujo & R. Opher.* Vol. 21, 322, 1990
- Opher, R.** The Magnetization of the Intergalactic Medium by Extragalactic Jets (Contributed Paper). *L.C. Jafelice & R. Opher.* Vol. 21, 152, 1990
- Opher, R.** The Momentum Problem in Wolf-Rayet Stars (Abstract). *L.C. dos Santos, V. Jatenco-Pereira, & R. Opher.* Vol. 26, 101, 1993
- Opher, R.** The Origin of the Filaments in the Crab Nebula (Contributed Paper). *E.M. de Gouveia Dal Pino & R. Opher.* Vol. 21, 521, 1990
- Opher, R.** Wave Spectrum Break in an Alfvén Wave Driven Solar Wind (Abstract). *V. Jatenco-Pereira, R. Opher, & L.C. Yamamoto.* Vol. 26, 137, 1993
- Opher, R.** X-Ray Spectrum from the Accretion Columns of Magnetic White Dwarfs (Contributed Paper). *J. Felsteiner & R. Opher.* Vol. 21, 437, 1990
- Orellana, R.B.** On Searching for Asteroid Families. I. Hirayama Families (Contributed Paper). *S. Gordillo, C. Mostaccio, R.B. Orellana, A. Plastino, H. Tignanelli, & H. Vucetich.* Vol. 21, 601, 1990
- Orsatti, A.M.** Catalog of Luminous Stars in the Southern Coal-Sack Zone. *H.G. Marraco & A.M. Orsatti.* Vol. 5, 183, 1982
- Orsatti, A.M.** Polarimetric Study of the IC 2944 Stellar Aggregate (Abstract). *E.I. Vega, A.M. Orsatti, & H.G. Marraco.* Vol. 26, 106, 1993
- Ortega, R.** Spectral Classification of Early Type Stars. Calibration Using a TV-Vidicon Multichannel System. *G.F. Bisiacchi, C. Firmani, R. Ortega, & R. Peniche.* Vol. 2, 13, 1976

- Ortega, R.** Spectral Classification of Select Delta Scuti Stars. III. *R. Ortega, R. Peniche, J.H. Peña, & M.A. Hobart.* Vol. 8, 45, 1983
- Ortega, V. Garrido** Hydrodynamical Models of Elliptical Galaxies (Contributed Paper). *V. Garrido Ortega & J.A. de Freitas Pacheco.* Vol. 12, 97, 1986
- Ortega, V. Garrido** Results of Some Dynamical Models of Elliptical Galaxies. *V. Garrido Ortega & J.A. de Freitas Pacheco.* Vol. 21, 702, 1990
- Ortiz, R.P.** A Search for Water Masers Associated with Herbig-Haro Objects (Contributed Paper). *J.C. Gregório Hetem, J.R.D. Lépine, R.P. Ortiz, & B. Sestokas.* Vol. 21, 486, 1990
- Ortiz, R.P.** The Luminosity Function of the Stars Embedded in the Chamaeleon I and in the Rho Ophiuchi Molecular Clouds (Contributed Paper). *J.C. Gregorio-Hetem, J.R.D. Lépine, & R.P. Ortiz.* Vol. 21, 356, 1990
- Osmers, P.S.** The Gemini Project (Invited Paper). *P.S. Osmers.* Vol. 26, 83, 1993
- Osterbrock, D.E.** The Nature and Structure of Active Galactic Nuclei. II (Invited Paper). *D.E. Osterbrock.* Vol. 26, 65, 1993
- Ostriker, J.P.** Destruction Mechanisms for the Globular Clusters in the Milky Way (Abstract). *L.A. Aguilar, J.P. Ostriker, & P. Hut.* Vol. 14, 227, 1987
- Ott, H.-A.** Observational Cosmology in the Southern Sky (Invited Paper). *H.W. Duerbeck, R. Duemmler, H. Horstmann, H.-A. Ott, P. Schuecker, W.C. Seitter, D. Teuber, & H.-J. Tucholke.* Vol. 19, 92, 1987

- Pacheco, E.J.** The Behaviour of Ca II Lines of Giants and Supergiants in the Light of Stellar Winds (Contributed Paper). *S.A. Gonçalves & E.J. Pacheco.* Vol. 21, 421, 1990
- Pacheco, J.A. de Freitas** An Estimate of the Tidal Effects in the Dynamics of the Binary Galaxies (Contributed Paper). *S. Junqueira & J.A. de Freitas Pacheco.* Vol. 21, 131, 1990
- Pacheco, J.A. de Freitas** Gaseous Content of Galaxies inside Groups. *T.C. Couto da Silva & J.A. de Freitas Pacheco.* Vol. 17, 127, 1989
- Pacheco, J.A. de Freitas** Hydrodynamical Models of Elliptical Galaxies (Contributed Paper). *V. Garrido Ortega & J.A. de Freitas Pacheco.* Vol. 12, 97, 1986
- Pacheco, J.A. de Freitas** Is the Ejecta of SN 1987A Enriching the Interstellar Medium in the LMC? (Abstract). *J.A. de Freitas Pacheco.* Vol. 21, 733, 1990
- Pacheco, J.A. de Freitas** Mass Loss from Hot Stars (Invited Paper). *J.A. de Freitas Pacheco.* Vol. 6, 181, 1981
- Pacheco, J.A. de Freitas** Nova Centauri 1986. A Spectroscopic Study (Contributed Paper). *J.A. de Freitas Pacheco, R.D.D. da Costa, & S.J. Codina-Landaberry.* Vol. 21, 449, 1990
- Pacheco, J.A. de Freitas** Oxygen Abundances in the LMC (Abstract). *J.A. de Freitas Pacheco & B. Barbuy.* Vol. 26, 119, 1993
- Pacheco, J.A. de Freitas** Photoelectric Scanner Observations of Central Stars of Planetary Nebulae (Abstract). *S.J. Codina Landaberry, J.A. de Freitas Pacheco, L. Viadana, & B. Bazzanella.* Vol. 12, 191, 1986
- Pacheco, J.A. de Freitas** Physical Characteristics of Low-Excitation Planetary Nebulae: He 2-227 and He 1312. *J.A. de Freitas Pacheco & J.G. Veliz.* Vol. 15, 89, 1987
- Pacheco, J.A. de Freitas** Results of Some Dynamical Models of Elliptical Galaxies. *V. Garrido Ortega & J.A. de Freitas Pacheco.* Vol. 21, 702, 1990
- Pacheco, J.A. de Freitas** Spectrophotometry of the Nucleus of NGC 7552 (Contributed Paper). *H. Dotto, M. Pastoriza, S.J. Codina Landaberry, & J.A. de Freitas Pacheco.* Vol. 12, 119, 1986
- Pacheco, J.A. de Freitas** Strongly Metal Deficient Planetary Nebulae (Contributed Paper). *W.J. Maciel, J.A. de Freitas Pacheco, & S.J. Codina-Landaberry.* Vol. 21, 517, 1990
- Pacheco, J.A. de Freitas** The Peculiar Object He2-104 (Contributed Paper). *J.A. de Freitas Pacheco, R.D.D. da Costa, & S.J. Codina-Landaberry.* Vol. 21, 515, 1990
- Pacheco, J.A. de Freitas** The Relative Motion of the Local Group of Galaxies towards the Virgo Cluster (Abstract). *J.A. de Freitas Pacheco.* Vol. 12, 74, 1986
- Pacheco, J.A. de Freitas** The Spectrophotometer of the National Observatory (Abstract). *S.J. Codina Landaberry, J.A. de Freitas Pacheco, J.L. Kohl, B. Bazzanella, & R.T. Ribeiro.* Vol. 12, 405, 1986
- Pacheco, J.A. de Freitas** The Spectrum of HD 72754 (Abstract). *J.A. de Freitas Pacheco & S.J. Codina Landaberry.* Vol. 12, 184, 1986
- Pacheco, J.A.F.** Friedmann-Like Collapsing Radiating Sphere (Abstract). *R. Chan, J.P.S. Lemos, N.O. Santos, & J.A. de Freitas Pacheco.* Vol. 21, 715, 1990