

- Höglund, B.** H₂CO and OH Line Observations of the Chamaeleon I Dark Cloud (Contributed Paper). *M. Toriseva, B. Höglund & K. Mattila.* Vol. 10, 135, 1985
- Holtzman, J.A.** Photometric and Spectroscopic Monitoring of T Tauri Stars and Related Objects at Van Vleck Observatory (Abstract). *W. Herbst, J.A. Holtzman, R. Klasky, & M. McClellan.* Vol. 7, 196, 1983
- Homor, J.L.** Observações do cometa de Halley no contínuo de 22 GHz e 44 GHz, e na raia maser de vapor de H₂O em 22.2 GHz (Abstract). *Z. Abraham et al.* Vol. 14, 671, 1987
- Hormaechea, J.L.** An FK5 Analysis from RG1 Astrolabe Catalogue (Contributed Paper). *R. Perdomo, E. Nievas, & J.L. Hormaechea.* Vol. 21, 293, 1990
- Hormaechea, J.L.** Primer catálogo estelar en Río Grande (Contributed Paper). *C.A. Mondinalli, R.A. Perdomo, J.L. Hormaechea, & D. Del Cogliano.* Vol. 10, 377, 1985
- Hormaechea, J.L.** Resultados de tiempo y latitud en la EARG (Contributed Paper). *C.A. Mondinalli, R.A. Perdomo, & J.L. Hormaechea.* Vol. 10, 367, 1985
- Hormaechea, J.L.** Second Rio Grande Catalogue (RG2) (Contributed Paper). *J.L. Hormaechea & R. Perdomo.* Vol. 21, 286, 1990
- Horstmann, H.** 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
- Horvath, J.E.** Strange Matter, Detonations and SN 1987A (Contributed Paper). *O.G. Benvenuto & J.E. Horvath.* Vol. 21, 331, 1990
- Horvath, J.E.** Strange Stars, Neutron Stars and Pulsar Emission (Contributed Paper). *O.G. Benvenuto & J.E. Horvath.* Vol. 21, 325, 1990
- Howe, J.E.** Observations of Molecular and Atomic Gas in Photodissociation Regions (Invited Paper). *D.T. Jaffe & J.E. Howe.* Vol. 18, 55, 1989
- Howell, S.B.** The 1990 Calán/CTIO Supernova Search (Abstract). *Hamuy et al.* Vol. 26, 114, 1993
- Hu, X.** Calibration of *HST* Narrow Band Filters using the Orion Nebula (Contributed Paper). *X. Hu.* Vol. 27, 153, 1993
- Huang, S.-S.** Planetary Systems and Stellar Multiplicity (Invited Paper). *S.-S. Huang.* Vol. 3, 175, 1977
- Hubert-Delplace, A-M.** Long and Short Period Variations of Some Be Stars (Contributed Paper). *M. Alvarez, A-M. Hubert-Delplace, J. Arsenijevic, D. Battiereau, & J. Chauville.* Vol. 21, 398, 1990
- Huchra, J.P.** 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
- Hughes, V.A.** The Radio H II Region Associated with Cep A (Abstract). *V.A. Hughes & J.G.A. Wouterloot.* Vol. 7, 125, 1983
- Hughes, V.A.** VLA Observations of the Suspected HH-Objects GGD37 (Abstract). *V.A. Hughes.* Vol. 7, 125, 1983
- Hummel, E.** Small Scale Structure of Polarized Emission in M31 (Abstract). *N. Loiseau, E. Hummel, R. Beck, & R. Wielebinski.* Vol. 14, 167, 1987
- Humphreys, R.M.** Las envolturas circunestelares de las supergigantes del tipo F y G en la Nube mayor de Magallanes (Contributed Paper). *W. Hagen, R.M. Humphreys & R.E. Stencel.* Vol. 6, 59, 1981
- Hut, P.** Destruction Mechanisms for the Globular Clusters in the Milky Way (Abstract). *L.A. Aguilar, J.P. Ostriker, & P. Hut.* Vol. 14, 227, 1987
- Ibanoğlu, C.** Photometry of Open Clusters. III. HR 4684 and HD 106103 in Coma Berenices. *J.H. Peña, R. Peniche, R. Mújica, C. Ibanoğlu, A.Y. Ertan, O. Tumer, Z. Tunca, & S. Evren.* Vol. 25, 129, 1993
- Ibanoğlu, C.** The Intermediate and Narrow Band Photoelectric Studies of some Delta Scuti Stars. *C. Ibanoğlu, A.Y. Ertan, Z. Tunca, O. Tümer, & S. Evren.* Vol. 5, 261, 1982
- Ibáñez, J.M^a.** Nonlinear Evolution of One Dimensional Cosmological Inhomogeneities. *V. Quilis, J.M^a. Ibáñez, & D. Sáez.* Vol. 25, 117, 1993
- Ibáñez, J.M^a.** Numerical Simulations of Multidimensional Flows in Presence of either Strong Shocks or Strong Gravitational Fields,. *J.A. Font, J.M^a. Ibáñez, & J.M^a. Martí.* Vol. 25, 3, 1993
- Ibáñez Cabanell, J.M.** Efectos relativistas en la estructura y estabilidad de enanas blancas masivas. *J.M. Ibáñez Cabanell.* Vol. 8, 7, 1983
- Ibáñez S., M.H.** On the Thermal Stability of Slabs, Cylinders and Spheres (Abstract). *M.H. Ibáñez S. & F.P. Plachco M.* Vol. 21, 748, 1990
- Ibáñez S., M.H.** Temporal and Spatial Behavior of Linear Disturbances in a Hydrogen Plasma Heated by an External Radiation Field (Abstract). *C.A. Mendoza B. & M.H. Ibáñez S.* Vol. 21, 748, 1990

- Ibáñez S., M.H.** Fragmentation of Prestellar Clouds by Molecule Formation (Contributed Paper). *M.H. Ibáñez S.* Vol. 6, 277, 1981
- Ibáñez S., M.H.** On the Propagation of Small Disturbances in a Radiating Fluid in which a General Reaction Proceeds. I. Eddington Approximation (Abstract). *M.H. Ibáñez S.* Vol. 12, 340, 1986
- Ibáñez S., M.H.** Radiation Hydrodynamics in Astrophysics (Invited Paper). *M.H. Ibáñez S.* Vol. 14, 573, 1987
- Ibáñez S., M.H.** Sound and Thermal Waves in a Fluid with an Arbitrary Heat-Loss Function (Abstract). *M.H. Ibáñez S.* Vol. 12, 339, 1986
- Ibáñez S., M.H.** Thermochemical Instabilities in Reacting Gases. II. Plasma of Hydrogen in Presence of a Magnetic Field (Abstract). *M.H. Ibáñez S. & E. Sira.* Vol. 12, 341, 1986
- Iglesias, C.A.** Calculation of Detailed Atomic Data Using Parametric Potentials (Contributed Paper). *C.A. Iglesias, F.J. Rogers, & B.G. Wilson.* Vol. 23, 9, 1992
- Iglesias, C.A.** Equation of State of Partially-Ionized Plasmas in the Physical Picture (Contributed Paper). *F.J. Rogers & C.A. Iglesias.* Vol. 23, 133, 1992
- Iglesias, C.A.** Results Obtained Using the OPAL Code (Contributed Paper). *C.A. Iglesias & F.J. Rogers.* Vol. 23, 161, 1992
- Iglesias, M.E.** Be Stars: Chromospheres and Cool Envelopes and their Relation to Magnetic Fields (Abstract). *A.E. Ringuelet & M.E. Iglesias.* Vol. 21, 719, 1990
- Iglesias, M.E.** Be Stars: Solutions of the Mass, Momentum and Energy Equations of the Radiative Transfer Problem (Abstract). *L.S. Cidale, M.E. Iglesias, A.C. Vázquez, & A.E. Ringuelet.* Vol. 22, 306, 1991
- Il'in, A.** The Interpretation of Observations of Ice and Silicate IR Features and Polarization Across them in the Spectra of Protostellar Objects BN and AFGL 2591 (Abstract). *A. Il'in.* Vol. 29, 218, 1994
- Imhoff, C.L.** Computed Luminosities for T Tauri and Related Objects. *C.L. Imhoff & E.E. Mendoza V.* Vol. 1, 25, 1974
- Imhoff, C.L.** Ultraviolet Observations of the T Tauri Stars: Inferences Regarding their Chromospheres, Transition Regions and Coronae (Abstract). *C.L. Imhoff & M.S. Giampapa.* Vol. 7, 191, 1983
- Infante, L.** Angular Correlation Function of Faint Galaxies (Abstract). *L. Infante.* Vol. 26, 128, 1993
- Infante, L.** Clustering of Faint Galaxies (Invited Paper). *L. Infante.* Vol. 19, 71, 1987
- Infante, L.** Counts, Colors and Clustering of Medium Redshift Galaxies (Abstract). *L. Infante & C. Pritchett.* Vol. 22, 305, 1991
- Infante, L.** Introducción (Reunión Astronómica Sur-Andina). *D. Geisler & L. Infante.* Vol. 22, 301, 1991
- Iriarte, A.** An Infrared Photometric and Spectrometric System in San Pedro Mártir. *M. Roth, A. Iriarte, M. Tapia, & G. Reséndiz.* Vol. 9, 25, 1984
- Iriarte, A.** CAMILA: Infrared Camera/Spectrograph (Contributed Paper). *I Cruz-González et al.* Vol. 29, 197, 1994
- Iriarte, B.** Changes in the Be Stars in a Cassiopeia-Perseus Region (Abstract). *B. Iriarte, E. Chavira, & O. Cardona.* Vol. 14, 336, 1987
- Iriarte, B.** El sistema CCD de Tonanzintla. Pruebas y planes futuros (Contributed Paper). *O. Cardona, E. Chavira, I. Furenlid, & B. Iriarte.* Vol. 14, 744, 1987
- Iriarte Erro, Braulio (1920 - 1986) – Obituary.** Vol. 13, 173, 1986
- Irwin, M.J.** The Ly α Forest at $4.2 < z < 4.5$ (Abstract). *G.M. Williger, J.A. Baldwin, R.F. Carswell, C. Hazard, M.J. Irwin, & R.G. McMahon.* Vol. 26, 124, 1993
- Isern, J.** Collapse of White Dwarfs in Low Mass Binary Systems (Abstract). *J. Isern, R. Canal, E. García-Berro, M. Hernanz, & J. Labay.* Vol. 14, 260, 1987
- Isern, J.** Observational Constraints to Theoretical Models for Type I Supernovae. *R. López, J. Isern, J. Labay, & R. Canal.* Vol. 13, 41, 1986
- Isern, J.** Radiative Transfer in Type I Supernovae Atmospheres (Contributed Paper). *J. Isern, R. López, & E. Simonneau.* Vol. 14, 252, 1987
- Isern, J.** Type I Supernova Models (Invited Paper). *R. Canal, J. Isern, & J. Labay.* Vol. 14, 245, 1987
- Isobe, S.** Some Developments in Optical Telescope Instrumentation and Data Reduction Systems in Japan (Invited Paper). *S. Isobe.* Vol. 14, 722, 1987
- Itoh, N.** Electron Conduction Opacity for Dense Stellar Plasmas (Contributed Paper). *N. Itoh.* Vol. 23, 231, 1992
- Itoh, N.** Relativistic Free-Free Gaunt Factors for High-Temperature Stellar Plasmas (Contributed Paper). *N. Itoh.* Vol. 23, 91, 1992