

## AUTHOR INDEX

- Acerbi, F.** Photometric Study of Two Contact Binary Systems and a Detached Late Dwarf + M Dwarf Components. *R. Michel, C. Barani, M. Martignoni, F. Acerbi & L. Altamirano-Dévora*, 123
- Alfaro, R.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Aljbaae, S.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Altamirano-Dévora, L.** Photometric Study of Two Contact Binary Systems and a Detached Late Dwarf + M Dwarf Components. *R. Michel, C. Barani, M. Martignoni, F. Acerbi & L. Altamirano-Dévora*, 123
- Alton, K. B.** Spectroscopic & Photometric Study of the Algol-type Binary V1241 Tauri. *R. H. Nelson, K. B. Alton, & M. Kendurkar*, 201
- Andernach, H.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Arellano Ferro, A.** RR Lyrae Stars in the Globular Cluster Palomar 2. *A. Arellano Ferro, I. Bustos Fierro, S. Muneer, & S. Giridhar*, 3
- Arellano Ferro, A.** Erratum: A Vindication of the RR Lyrae Fourier Light Curve Decomposition for the Calculation of Metallicity and Distance in Globular Clusters. (RMxAA, 2022, 58, 257). *A. Arellano Ferro*, 401
- Audehm, J.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Badawy, W. A.** Astrophysical Studies of 9 Unstudied Open Star Clusters Using *GAIA DR3*. *W. A. Badawy, A. L. Tadross, Y. H. M. Hendy, M. N. Ismail, & A. Mouner*, 155
- Barani, C.** Photometric Study of Two Contact Binary Systems and a Detached Late Dwarf + M Dwarf Components. *R. Michel, C. Barani, M. Martignoni, F. Acerbi & L. Altamirano-Dévora*, 123
- Barrera-Ballesteros, J. K.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Bianchi, S.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Biland, A.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Binette, L.** Optimized Spectral Energy Distribution for Seyfert Galaxies. *L. Binette, Y. Krongold, S. A. R. Haro-Corzo, A. Humphrey, & S. G. Morais*, 113
- Bisht, D.** A Deep Study of the Open Cluster NGC 5288 Using Photometric and Astrometric Data from *GAIA DR3* and *2MASS*. *R. Sethi, D. Bisht, G. Rangawal, & A. Raj*, 177
- Boardman, N.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Bretz, T.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Brownstein, J. R.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213

- Bruzual, G.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Bustos Fierro, I.** RR Lyrae Stars in the Globular Cluster Palomar 2. *A. Arellano Ferro, I. Bustos Fierro, S. Muneer, & S. Giridhar*, 3
- Camacho, S.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Camilloni, F.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Cantó, J.** Refraction of a Herbig-Haro Jet Travelling Through a Shear Layer. *A. C. Raga, A. Castellanos-Ramírez, & J. Cantó*, 105
- Caretta, C. A.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Carigi, L.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Carpintero, D. D.** On the Correct Computation of All Lyapunov Exponents in Hamiltonian Dynamical Systems. *D. D. Carpintero & J. C. Muzzio*, 171
- Castellanos-Ramírez, A.** Refraction of a Herbig-Haro Jet Travelling Through a Shear Layer. *A. C. Raga, A. Castellanos-Ramírez, & J. Cantó*, 105
- Cerdán, G.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Chakraborty, P.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Chatzikos, M.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Chavushyan, V.** New Spectroscopy of U Gem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Chow-Martínez, M.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Cordero-Tercero, G.** A New Proposal of the Term Meteoroid. *G. Cordero-Tercero, D. Maravilla, & M. Covarrubias-Saavedra*, 313
- Covarrubias-Saavedra, M.** A New Proposal of the Term Meteoroid. *G. Cordero-Tercero, D. Maravilla, & M. Covarrubias-Saavedra*, 313
- Coziol, R.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- da Silva Fernandes, S.** Optimal Two-Impulse Interplanetary Trajectories: Earth-Venus and Earth-Mars Missions. *L. A. Gagg Filho & S. da Silva Fernandes*, 11
- Dal, H. A.** Solar-Type Eclipsing Binary KIC 4832197: Physical Properties and Intrinsic Variability of the Components. *O. Özdarcan, H. A. Dal & E. Yoldaş*, 299
- de Almeida Jr, A. K.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- De Anda-Suárez, J.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- de la Fuente, E.** Search and Study of Ultracompact H II Regions. *D. Quiroga-González, M. A. Trinidad, E. de la Fuente, J. M. Masqué, & T. Rodríguez-Esnard*, 279

- Do, G.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Drory, N.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Echevarría, J.** New Spectroscopy of U Gem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Espinosa-Ponce, C.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Feoli, A.** Some Predictions of Scaling Relations: The Case of the Black Hole in M87. *A. L. Iannella & A. Feoli*, 99
- Ferland, G. J.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Fuentes, M.** New Spectroscopy of U Gem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Gagg Filho, L. A.** Optimal Two-Impulse Interplanetary Trajectories: Earth-Venus and Earth-Mars Missions. *L. A. Gagg Filho & S. da Silva Fernandes*, 11
- Gajdoš, P.** Photometric Analysis of Eclipsing Binaries: VY UMi, RU UMi and GSC 04364-00648. *V. Kudak, Š. Parimucha, V. Perig, & P. Gajdoš*, 137
- García, L. Á.** Late accelerated expansion of the Universe in diffusive scenarios. *E. F. Piratova & L. Á. García*, 389
- Giridhar, S.** RR Lyrae Stars in the Globular Cluster Palomar 2. *A. Arellano Ferro, I. Bustos Fierro, S. Muneer, & S. Giridhar*, 3
- González, M. M.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Guichard, J.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Gunasekera, C. M.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Guzmán, F.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Haro-Corzo, S. A. R.** Optimized Spectral Energy Distribution for Seyfert Galaxies. *L. Binette, Y. Krongold, S. A. R. Haro-Corzo, A. Humphrey, & S. G. Morais*, 113
- Hendy, Y. H. M.** Astrophysical Studies of 9 Unstudied Open Star Clusters Using *GAIA DR3*. *W. A. Badawy, A. L. Tadross, Y. H. M. Hendy, M. N. Ismail, & A. Mouner*, 155
- Hernández-Aguayo, C.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñiz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Hernandez-Toledo, H.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Hidalgo-Gómez, Ana M.** Mass Profiles of Late Galaxies Using a Genetic Algorithm. I - Testing the Algorithm. *Rodolfo de J. Zermeño & Ana M. Hidalgo-Gómez*, 259
- Humphrey, A.** Optimized Spectral Energy Distribution for Seyfert Galaxies. *L. Binette, Y. Krongold, S. A. R. Haro-Corzo, A. Humphrey, & S. G. Morais*, 113
- Iannella, A. L.** Some Predictions of Scaling Relations: The Case of the Black Hole in M87. *A. L. Iannella & A. Feoli*, 99
- Islas-Islas, J. M.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñiz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345

- Ismail, M. N.** Astrophysical Studies of 9 Unstudied Open Star Clusters Using *GAIA DR3*. *W. A. Badawy, A. L. Tadross, Y. H. M. Hendy, M. N. Ismail, & A. Mouner*, 155
- Kendurkar, M.** Spectroscopic & Photometric Study of the Algol-type Binary V1241 Tauri. *R. H. Nelson, K. B. Alton, & M. Kendurkar*, 201
- Krongold, Y.** Optimized Spectral Energy Distribution for Seyfert Galaxies. *L. Binette, Y. Krongold, S. A. R. Haro-Corzo, A. Humphrey, & S. G. Morais*, 113
- Kudak, V.** Photometric Analysis of Eclipsing Binaries: VY UMi, RU UMi and GSC 04364-00648. *V. Kudak, Š. Parimucha, V. Perig, & P. Gajdoš*, 137
- Lacerda, E.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Lane, Richard R.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- López-Cobá, C.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Lugo-Aranda, A. Z.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Maravilla, D.** A New Proposal of the Term Meteoroid. *G. Cordero-Tercero, D. Maravilla, & M. Covarrubias-Saavedra*, 313
- Martignoni, M.** Photometric Study of Two Contact Binary Systems and a Detached Late Dwarf + M Dwarf Components. *R. Michel, C. Barani, M. Martignoni, F. Acerbi & L. Altamirano-Dévora*, 123
- Masqué, J. M.** Search and Study of Ultracompact H II Regions. *D. Quiroga-González, M. A. Trinidad, E. de la Fuente, J. M. Masqué, & T. Rodríguez-Esnard*, 279
- Michel, R.** Photometric Study of Two Contact Binary Systems and a Detached Late Dwarf + M Dwarf Components. *R. Michel, C. Barani, M. Martignoni, F. Acerbi & L. Altamirano-Dévora*, 123
- Michimani, J.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Milby, J. S.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Mireles-Vidales, M. M.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñiz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Monteiro, F.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbae, A. F. B. A. Prado, & F. Monteiro*, 83
- Morais, S. G.** Optimized Spectral Energy Distribution for Seyfert Galaxies. *L. Binette, Y. Krongold, S. A. R. Haro-Corzo, A. Humphrey, & S. G. Morais*, 113
- Mouner, A.** Astrophysical Studies of 9 Unstudied Open Star Clusters Using *GAIA DR3*. *W. A. Badawy, A. L. Tadross, Y. H. M. Hendy, M. N. Ismail, & A. Mouner*, 155
- Mújica, R.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Muneer, S.** RR Lyrae Stars in the Globular Cluster Palomar 2. *A. Arellano Ferro, I. Bustos Fierro, S. Muneer, & S. Giridhar*, 3
- Muñiz-Torres, M. A.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñiz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Muzzio, J. C.** On the Correct Computation of All Lyapunov Exponents in Hamiltonian Dynamical Systems. *D. D. Carpintero & J. C. Muzzio*, 171
- Nelson, R. H.** Spectroscopic & Photometric Study of the Algol-type Binary V1241 Tauri. *R. H. Nelson, K. B. Alton, & M. Kendurkar*, 201
- Özdarcan, O.** Solar-Type Eclipsing Binary KIC 4832197: Physical Properties and Intrinsic Variability of the Components. *O. Özdarcan, H. A. Dal & E. Yoldaş*, 299

- Paredes, J. D.** Physical Properties and Membership Determination of the Open Clusters IC 4665, NGC 6871 and Dzim 5 Through *wby* –  $\beta$  Photoelectric Photometry . *J. H. Peña, A. Rentería, J. D. Paredes, & D. S. Piña*, 45
- Parimucha, Š.** Photometric Analysis of Eclipsing Binaries: VY UMi, RU UMi and GSC 04364-00648. *V. Kudak, Š. Parimucha, V. Perig, & P. Gajdoš*, 137
- Patiño, V.** New Spectroscopy of UGem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Peña, J. H.** Physical Properties and Membership Determination of the Open Clusters IC 4665, NGC 6871 and Dzim 5 Through *wby* –  $\beta$  Photoelectric Photometry . *J. H. Peña, A. Rentería, J. D. Paredes, & D. S. Piña*, 45
- Pérez Araujo, Y. F.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Perig, V.** Photometric Analysis of Eclipsing Binaries: VY UMi, RU UMi and GSC 04364-00648. *V. Kudak, Š. Parimucha, V. Perig, & P. Gajdoš*, 137
- Piña, D. S.** Physical Properties and Membership Determination of the Open Clusters IC 4665, NGC 6871 and Dzim 5 Through *wby* –  $\beta$  Photoelectric Photometry . *J. H. Peña, A. Rentería, J. D. Paredes, & D. S. Piña*, 45
- Piratova, E. F.** Late accelerated expansion of the Universe in diffusive scenarios. *E. F. Piratova & L. Á. García*, 389
- Prado, A. F. B. A.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Quiroga, E.** A Peculiar Galaxy Near M104. *E. Quiroga*, 323
- Quiroga-González, D.** Search and Study of Ultracompact H II Regions. *D. Quiroga-González, M. A. Trinidad, E. de la Fuente, J. M. Masqué, & T. Rodríguez-Esnard*, 279
- Raga, A. C.** Refraction of a Herbig-Haro Jet Travelling Through a Shear Layer. *A. C. Raga, A. Castellanos-Ramírez, & J. Cantó*, 105
- Raj, A.** A Deep Study of the Open Cluster NGC 5288 Using Photometric and Astrometric Data from GAIA DR3 and 2MASS. *R. Sethi, D. Bisht, G. Rangawal, & A. Raj*, 177
- Ramírez, S. H.** New Spectroscopy of UGem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Rangawal, G.** A Deep Study of the Open Cluster NGC 5288 Using Photometric and Astrometric Data from GAIA DR3 and 2MASS. *R. Sethi, D. Bisht, G. Rangawal, & A. Raj*, 177
- Rehbein, F.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Rentería, A.** Physical Properties and Membership Determination of the Open Clusters IC 4665, NGC 6871 and Dzim 5 Through *wby* –  $\beta$  Photoelectric Photometry . *J. H. Peña, A. Rentería, J. D. Paredes, & D. S. Piña*, 45
- Rodríguez, Luis Felipe** Obituary – Alejandro Raga. *Luis Felipe Rodríguez*, 405
- Rodríguez, Luis Felipe** Obituary – José de la Herrán. *Luis Felipe Rodríguez*, 403
- Rodríguez-Esnard, T.** Search and Study of Ultracompact H II Regions. *D. Quiroga-González, M. A. Trinidad, E. de la Fuente, J. M. Masqué, & T. Rodríguez-Esnard*, 279
- Sanchez, D. M.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Sánchez, L. J.** New Spectroscopy of UGem. *J. Echevarría, S. H. Ramírez, M. Fuentes, L. J. Sánchez, V. Patiño, & V. Chavushyan*, 191
- Sánchez, S. F.** SDSS-IV MaNGA: The Radial Distribution of Physical Properties within Galaxies in the Nearby Universe. *J. K. Barrera-Ballesteros, S. F. Sánchez, C. Espinosa-Ponce, C. López-Cobá, L. Carigi, A. Z. Lugo-Aranda, E. Lacerda, G. Bruzual, H. Hernandez-Toledo, N. Boardman, N. Drory, Richard R. Lane, & J. R. Brownstein*, 213
- Santos, L. B. T.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Santoyo-Ruiz, H.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñiz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345

- Sarkar, A.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Schaufel, M.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Serna-Franco, J.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Sethi, R.** A Deep Study of the Open Cluster NGC 5288 Using Photometric and Astrometric Data from GAIA DR3 and 2MASS. *R. Sethi, D. Bisht, G. Rangawal, & A. Raj*, 177
- Shaw, G.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Sousa-Silva, P. A.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Tadross, A. L.** Astrophysical Studies of 9 Unstudied Open Star Clusters Using GAIA DR3. *W. A. Badawy, A. L. Tadross, Y. H. M. Hendy, M. N. Ismail, & A. Mouner*, 155
- Terra, M. O.** Numerical Investigations of the Orbital Dynamics Around a Synchronous Binary System of Asteroids. *L. B. T. dos Santos, Allan Kardec de Almeida Jr, P. A. Sousa-Silva, M. O. Terra, D. M. Sanchez, S. Aljbaae, A. F. B. A. Prado, & F. Monteiro*, 83
- Torres, I.** Calibration of 122 SensL MicroFJ-60035 SiPMs and the reduction of optical cross-talk due to coupled light guides. *F. Rehbein, T. Bretz, A. Biland, R. Alfaro, J. Audehm, G. Do, M. M. González, Y. F. Pérez Araujo, M. Schaufel, J. Serna-Franco, & I. Torres*, 379
- Trejo-Alonso, J. J.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Trinidad, M. A.** Search and Study of Ultracompact H II Regions. *D. Quiroga-González, M. A. Trinidad, E. de la Fuente, J. M. Masqué, & T. Rodríguez-Esnard*, 279
- Valdés, J. R.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- van Hoof, P. A. M.** The 2023 Release of Cloudy. *Marios Chatzikos, Stefano Bianchi, Francesco Camilloni, Priyanka Chakraborty, Chamani M. Gunasekera, Francisco Guzmán, Jonathan S. Milby, Arnab Sarkar, Gargi Shaw, Peter A. M. van Hoof, & Gary J. Ferland*, 327
- Vega, R.** Photometric Observations of Minor Planets with the Tonantzintla Schmidt Camera I. Light curve Analysis of Main-Belt and Near-Earth Asteroids. *J. R. Valdés, R. Mújica, J. Guichard, S. Camacho, G. Cerdán, J. Michimani, & R. Vega*, 67
- Venkatapathy, Y.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Yoldaş, E.** Solar-Type Eclipsing Binary KIC 4832197: Physical Properties and Intrinsic Variability of the Components. *O. Özdarcan, H. A. Dal & E. Yoldaş*, 299
- Zúñiga, J. M.** Tracing the Assembly Histories of Galaxy Clusters in the Nearby Universe. *C. A. Caretta, H. Andernach, M. Chow-Martínez, R. Coziol, J. De Anda-Suárez, C. Hernández-Aguayo, J. M. Islas-Islas, M. M. Mireles-Vidales, M. A. Muñoz-Torres, H. Santoyo-Ruiz, J. J. Trejo-Alonso, Y. Venkatapathy, & J. M. Zúñiga*, 345
- Zermeño, Rodolfo de J.** Mass Profiles of Late Galaxies Using a Genetic Algorithm. I - Testing the Algorithm. *Rodolfo de J. Zermeño & Ana M. Hidalgo-Gómez*, 259