

AUTHOR INDEX

- Abel, N. P.** The 2013 Release of Cloudy.
G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil. 137
- Alonso-García, J.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey.
F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro. 189
- Andernach, H.** What do the star formation histories of galaxies tell us about the Starburst-AGN connection?
J. P. Torres-Papaqui, R. Coziol, I. Plauchu-Frayn, H. Andernach, & R. A. Ortega-Minakata. 311
- Araudo, A. T.** Radio Sources Embedded in the Dense Core B59, the “Mouthpiece” of the Pipe Nebula.
S. A. Dzib, L. F. Rodríguez, A. T. Araudo, & L. Loinard. 345
- Arellano Ferro, A.** Detailed Atmospheric abundance analysis of the optical counterpart of the IR source IRAS 16559-2957.
R. E. Molina & A. Arellano Ferro. 101
- Arellano Ferro, A.** Physical parameters of three field RR Lyrae stars.
A. Arellano Ferro, J. H. Peña, & R. Figuera Jaimes. 53
- Bohigas, J.** The latest eruption of planetary nebula IC 2165.
J. Bohigas, M. Rodríguez, & R. J. Dufour. 227
- Borissova, J.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey.
F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro. 189
- Bosch, G.** Obituary – Jorge Sahade.
G. Bosch. 167
- Branham, R. L., Jr.** New Orbits for Comets C/1960 M1 (Humason), C/1980 E1 (Bowell), and Musings on Extrasolar Comets.
R. L. Branham Jr.. 111
- Çakırlı, Ö** Long-term photometric and spectroscopic observations of the near-contact binary KR Cygni.
E. Sipahi, C. İbanoğlu, & Ö. Çakırlı. 25
- Çakırlı, Ö** V1135 Herculis: a double-lined eclipsing binary with an Anomalous Cepheid.
E. Sipahi, C. İbanoğlu, Ö. Çakırlı, H. A. Dal, & S. Evren. 239
- Calvet, N.** The Effect of Sublimation Temperature Dependencies on Disk Walls Around T Tauri Stars.
E. Nagel, P. D’Alessio, N. Calvet, C. Espaillat, & M. A. Trinidad. 43
- Cantó, J.** Exploring a thermal model for the time variability of the radio emission from the CEN 1a system.
R. F. González, L. F. Rodríguez, & J. Cantó. 37
- Cardona, O.** Diatomic Analytic Molecular Partition Functions for Stellar Atmospheres.
O. Cardona & M. G. Corona-Galindo. 209
- Carigi, L.** Chemical Evolution and the Galactic Habitable Zone of M31.
L. Carigi, J. García-Rojas, & S. Meneses-Goytia. 253
- Carlos Reyes, R.** V Band Photometry of the SN 2003gf supernova utilizing the 2MASS Catalog.
R. Carlos Reyes, G. Ferrero, F. A. R. Navarro, & J. Meléndez. 357
- Carraro, G.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey.
F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro. 189
- Celebonovic, V.** Solid state physics of impact crater formation: further considerations.
V. Celebonovic. 221
- Cerqueira, A. H.** The photoevaporation of a neutral structure by an EUV+FUV radiation field.
V. Lora, M. J. Vasconcelos, A. C. Raga, A. Esquivel, & A. H. Cerqueira. 275
- Chené, A.-N.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey.
F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro. 189
- Corona-Galindo, M. G.** Diatomic Analytic Molecular Partition Functions for Stellar Atmospheres.
O. Cardona & M. G. Corona-Galindo. 209
- Costa, R. D. D.** Time variation of the O/H radial gradient in the galactic disk based on planetary nebulae.
W. J. Maciel & R. D. D. Costa. 333
- Coziol, R.** What do the star formation histories of galaxies tell us about the Starburst-AGN connection?
J. P. Torres-Papaqui, R. Coziol, I. Plauchu-Frayn, H. Andernach, & R. A. Ortega-Minakata. 311
- Dal, H. A.** V1135 Herculis: a double-lined eclipsing binary with an Anomalous Cepheid.
E. Sipahi, C. İbanoğlu, Ö. Çakırlı, H. A. Dal, & S. Evren. 239
- D’Alessio, P.** The Effect of Sublimation Temperature Dependencies on Disk Walls Around T Tauri Stars.
E. Nagel, P. D’Alessio, N. Calvet, C. Espaillat, & M. A. Trinidad. 43
- Deng, X.-F.** Environmental dependences of star formation rate (SFR), specific star formation rate (SSFR) and stellar mass at fixed luminosity.
X.-F. Deng, C.-H. Luo, Y. Xing, & P. Wu. 181
- Dufour, R. J.** The latest eruption of planetary nebula IC 2165.
J. Bohigas, M. Rodríguez, & R. J. Dufour. 227

- Dzib, S. A.** Radio Sources Embedded in the Dense Core B59, the “Mouthpiece” of the Pipe Nebula. *S. A. Dzib, L. F. Rodríguez, A. T. Araudo, & L. Loinard.* 345
- Espaillet, C.** The Effect of Sublimation Temperature Dependencies on Disk Walls Around T Tauri Stars. *E. Nagel, P. D’Alessio, N. Calvet, C. Espaillet, & M. A. Trinidad.* 43
- Esquivel, A.** Analytic and numerical calculations of the radial stability of the isothermal sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, A. Rodríguez-González, V. Lora, & A. Esquivel.* 127
- Esquivel, A.** The photoevaporation of a neutral structure by an EUV+FUV radiation field. *V. Lora, M. J. Vasconcelos, A. C. Raga, A. Esquivel, & A. H. Cerqueira.* 275
- Evren, S.** V1135 Herculis: a double-lined eclipsing binary with an Anomalous Cepheid. *E. Sipahi, C. İbanoğlu, Ö. Çakırh, H. A. Dal, & S. Evren.* 239
- Ferland, G. J.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Ferrero, G.** V Band Photometry of the SN2003gf supernova utilizing the 2MASS Catalog. *R. Carlos Reyes, G. Ferrero, F. A. R. Navarro, & J. Meléndez.* 357
- Figuera Jaimes, R.** Physical parameters of three field RR Lyrae stars. *A. Arellano Ferro, J. H. Peña, & R. Figuera Jaimes.* 53
- García-Rojas, J.** Chemical Evolution and the Galactic Habitable Zone of M31. *L. Carigi, J. García-Rojas, & S. Meneses-Goytia.* 253
- García-Rojas, J.** Galactic kinematics of Planetary Nebulae with [WC] central star. *M. Peña, J. S. Rechy-García, & J. García-Rojas.* 87
- Geisler, D.** The VVV-SkZ pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey. *F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro.* 189
- Gómez, L.** A one-sided knot ejection at the core of the HH 111 outflow. *L. Gómez, L. F. Rodríguez, & L. Loinard.* 79
- González, R. F.** Exploring a thermal model for the time variability of the radio emission from the CEN 1a system. *R. F. González, L. F. Rodríguez, & J. Cantó.* 37
- Henney, W. J.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Higuera-G, M.-A.** PAHs as Tracers of Local AGN-Starburst Connection. *M.-A. Higuera-G. & A. F. Ramos P.* 301
- Hiriart, D.** Millimeter and Submillimeter Counterparts of the 2009 September 26 Solar Prominence. *J. E. Pérez-León, D. Hiriart, & J. E. Mendoza-Torres.* 3
- İbanoğlu, C.** Long-term photometric and spectroscopic observations of the near-contact binary KR Cygni. *E. Sipahi, C. İbanoğlu, & Ö. Çakırh.* 25
- İbanoğlu, C.** V1135 Herculis: a double-lined eclipsing binary with an Anomalous Cepheid. *E. Sipahi, C. İbanoğlu, Ö. Çakırh, H. A. Dal, & S. Evren.* 239
- Koenigsberger, G.** Obituary – Leonid Georgiev. *G. Koenigsberger.* 165
- Koning, N.** Atomic Interpretation of the 13 keV Emission Feature in Three AXPs: 4U 0142+61, XTE J1810-197 and 1E 1048.1-5937. *N. Koning, D. Leahy, & R. Ouyed.* 351
- Leahy, D.** Atomic Interpretation of the 13 keV Emission Feature in Three AXPs: 4U 0142+61, XTE J1810-197 and 1E 1048.1-5937. *N. Koning, D. Leahy, & R. Ouyed.* 351
- Loinard, L.** Radio Sources Embedded in the Dense Core B59, the “Mouthpiece” of the Pipe Nebula. *S. A. Dzib, L. F. Rodríguez, A. T. Araudo, & L. Loinard.* 345
- Loinard, L.** A one-sided knot ejection at the core of the HH 111 outflow. *L. Gómez, L. F. Rodríguez, & L. Loinard.* 79
- Lora, V.** A new analytic approximation to the isothermal, self-gravitating sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, M. Villasante, A. Rodríguez-González, & V. Lora.* 63
- Lora, V.** Analytic and numerical calculations of the radial stability of the isothermal sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, A. Rodríguez-González, V. Lora, & A. Esquivel.* 127
- Lora, V.** The photoevaporation of a neutral structure by an EUV+FUV radiation field. *V. Lora, M. J. Vasconcelos, A. C. Raga, A. Esquivel, & A. H. Cerqueira.* 275
- Luo, C.-H.** Environmental dependences of star formation rate (SFR), specific star formation rate (SSFR) and stellar mass at fixed luminosity. *X.-F. Deng, C.-H. Luo, Y. Xing, & P. Wu.* 181
- Lykins, M. L.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Maciel, W. J.** Time variation of the O/H radial gradient in the galactic disk based on planetary nebulae. *W. J. Maciel & R. D. D. Costa.* 333
- Martínez, R. E.** Open Clusters in Carina: NGC 3603, Westerlund 2 and Sher 1. *A. M. Orsatti, E. I. Vega, & R. E. Martínez.* 285

- Mauro, F.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey. *F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro.* 189
- Meléndez, J.** V Band Photometry of the SN2003gf supernova utilizing the 2MASS Catalog. *R. Carlos Reyes, G. Ferrero, F. A. R. Navarro, & J. Meléndez.* 357
- Mendoza-Torres, J. E.** Millimeter and Submillimeter Counterparts of the 2009 September 26 Solar Prominence. *J. E. Pérez-León, D. Hiriart, & J. E. Mendoza-Torres.* 3
- Meneses-Goytia, S.** Chemical Evolution and the Galactic Habitable Zone of M31. *L. Carigi, J. García-Rojas, & S. Meneses-Goytia.* 253
- Molina, R. E.** Detailed Atmospheric abundance analysis of the optical counterpart of the IR source IRAS 16559-2957. *R. E. Molina & A. Arellano Ferro.* 101
- Moni Bidin, C.** The VVV-SkZ_pipeline: an automatic PSF-fitting photometric pipeline for the VVV survey. *F. Mauro, C. Moni Bidin, A.-N. Chené, D. Geisler, J. Alonso-García, J. Borissova, & G. Carraro.* 189
- Nagel, E.** The Effect of Sublimation Temperature Dependencies on Disk Walls Around T Tauri Stars. *E. Nagel, P. D'Alessio, N. Calvet, C. Espaillat, & M. A. Trinidad.* 43
- Navarro, F. A. R.** V Band Photometry of the SN2003gf supernova utilizing the 2MASS Catalog. *R. Carlos Reyes, G. Ferrero, F. A. R. Navarro, & J. Meléndez.* 357
- Noriega-Crespo, A.** Evidence for past knot mergers in the HH34 jet. *A. C. Raga & A. Noriega-Crespo.* 363
- Orsatti, A. M.** Open Clusters in Carina: NGC 3603, Westerlund 2 and Sher 1. *A. M. Orsatti, E. I. Vega, & R. E. Martínez.* 285
- Ortega-Minakata, R. A.** What do the star formation histories of galaxies tell us about the Starburst-AGN connection? *J. P. Torres-Papaqui, R. Coziol, I. Plauchu-Frayn, H. Andernach, & R. A. Ortega-Minakata.* 311
- Ouyed, R.** Atomic Interpretation of the 13 keV Emission Feature in Three AXPs: 4U 0142+61, XTE J1810-197 and 1E 1048.1-5937. *N. Koning, D. Leahy, & R. Ouyed.* 351
- Peña, J. H.** Physical parameters of three field RR Lyrae stars. *A. Arellano Ferro, J. H. Peña, & R. Figuera Jaimes.* 53
- Peña, M.** Galactic kinematics of Planetary Nebulae with [WC] central star. *M. Peña, J. S. Rechy-García, & J. García-Rojas.* 87
- Pérez-León, J. E.** Millimeter and Submillimeter Counterparts of the 2009 September 26 Solar Prominence. *J. E. Pérez-León, D. Hiriart, & J. E. Mendoza-Torres.* 3
- Plauchu-Frayn, I.** What do the star formation histories of galaxies tell us about the Starburst-AGN connection? *J. P. Torres-Papaqui, R. Coziol, I. Plauchu-Frayn, H. Andernach, & R. A. Ortega-Minakata.* 311
- Porter, R. L.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Raga, A. C.** A new analytic approximation to the isothermal, self-gravitating sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, M. Villasante, A. Rodríguez-González, & V. Lora.* 63
- Raga, A. C.** Analytic and numerical calculations of the radial stability of the isothermal sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, A. Rodríguez-González, V. Lora, & A. Esquivel.* 127
- Raga, A. C.** Evidence for past knot mergers in the HH34 jet. *A. C. Raga & A. Noriega-Crespo.* 363
- Raga, A. C.** The photoevaporation of a neutral structure by an EUV+FUV radiation field. *V. Lora, M. J. Vasconcelos, A. C. Raga, A. Esquivel, & A. H. Cerqueira.* 275
- Raga, A. C.** Thermals in stratified regions of the ISM. *A. Rodríguez-González & A. C. Raga.* 171
- Ramón-Fox, F. G.** Parameters of Recent Transits of HAT-P-23b. *F. G. Ramón-Fox & P. V. Sada.* 71
- Ramos P., A. F.** PAHs as Tracers of Local AGN-Starburst Connection. *M.-A. Higuera-G. & A. F. Ramos P.* 301
- Rechy-García, J. S.** Galactic kinematics of Planetary Nebulae with [WC] central star. *M. Peña, J. S. Rechy-García, & J. García-Rojas.* 87
- Rodríguez, L. F.** A one-sided knot ejection at the core of the HH 111 outflow. *L. Gómez, L. F. Rodríguez, & L. Loinard.* 79
- Rodríguez, L. F.** Exploring a thermal model for the time variability of the radio emission from the CEN 1a system. *R. F. González, L. F. Rodríguez, & J. Cantó.* 37
- Rodríguez, L. F.** Radio Sources Embedded in the Dense Core B59, the "Mouthpiece" of the Pipe Nebula. *S. A. Dzib, L. F. Rodríguez, A. T. Araudo, & L. Loinard.* 345
- Rodríguez, M.** The latest eruption of planetary nebula IC 2165. *J. Bohigas, M. Rodríguez, & R. J. Dufour.* 227
- Rodríguez-González, A.** A new analytic approximation to the isothermal, self-gravitating sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, M. Villasante, A. Rodríguez-González, & V. Lora.* 63
- Rodríguez-González, A.** Analytic and numerical calculations of the radial stability of the isothermal sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, A. Rodríguez-González, V. Lora, & A. Esquivel.* 127

- Rodríguez-González, A.** Thermals in stratified regions of the ISM. *A. Rodríguez-González & A. C. Raga.* 171
- Rodríguez-Ramírez, J. C.** A new analytic approximation to the isothermal, self-gravitating sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, M. Villasante, A. Rodríguez-González, & V. Lora.* 63
- Rodríguez-Ramírez, J. C.** Analytic and numerical calculations of the radial stability of the isothermal sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, A. Rodríguez-González, V. Lora, & A. Esquivel.* 127
- Sada, P. V.** Parameters of Recent Transits of HAT-P-23b. *F. G. Ramón-Fox & P. V. Sada.* 71
- Shaw, G.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Simos, T. E.** Optimized Fifth Order Symplectic Integrators for Orbital Problems. *K. Tselios & T. E. Simos.* 11
- Sipahi, E.** Long-term photometric and spectroscopic observations of the near-contact binary KR Cygni. *E. Sipahi, C. İbanoğlu, & Ö. Çakırh.* 25
- Sipahi, E.** V1135Herculis: a double-lined eclipsing binary with an Anomalous Cepheid. *E. Sipahi, C. İbanoğlu, Ö. Çakırh, H. A. Dal, & S. Evren.* 239
- Stancil, P. C.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Torres-Papaqui, J. P.** What do the star formation histories of galaxies tell us about the Starburst-AGN connection? *J. P. Torres-Papaqui, R. Coziol, I. Plauchu-Frayn, H. Andernach, & R. A. Ortega-Minakata.* 311
- Trinidad, M. A.** The Effect of Sublimation Temperature Dependencies on Disk Walls Around T Tauri Stars. *E. Nagel, P. D'Alessio, N. Calvet, C. Espaillat, & M. A. Trinidad.* 43
- Tselios, K.** Optimized Fifth Order Symplectic Integrators for Orbital Problems. *K. Tselios & T. E. Simos.* 11
- van Hoof, P. A. M.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Vasconcelos, M. J.** The photoevaporation of a neutral structure by an EUV+FUV radiation field. *V. Lora, M. J. Vasconcelos, A. C. Raga, A. Esquivel, & A. H. Cerqueira.* 275
- Vega, E. I.** Open Clusters in Carina: NGC 3603, Westerlund 2 and Sher 1. *A. M. Orsatti, E. I. Vega, & R. E. Martínez.* 285
- Villasante, M.** A new analytic approximation to the isothermal, self-gravitating sphere. *A. C. Raga, J. C. Rodríguez-Ramírez, M. Villasante, A. Rodríguez-González, & V. Lora.* 63
- Williams, R. J. R.** The 2013 Release of Cloudy. *G. J. Ferland, R. L. Porter, P. A. M. van Hoof, R. J. R. Williams, N. P. Abel, M. L. Lykins, G. Shaw, W. J. Henney, & P. C. Stancil.* 137
- Wu, P.** Environmental dependences of star formation rate (SFR), specific star formation rate (SSFR) and stellar mass at fixed luminosity. *X.-F. Deng, C.-H. Luo, Y. Xing, & P. Wu.* 181
- Xin, Y.** Environmental dependences of star formation rate (SFR), specific star formation rate (SSFR) and stellar mass at fixed luminosity. *X.-F. Deng, C.-H. Luo, Y. Xing, & P. Wu.* 181
- Zaninetti, L.** Chord distribution along a line in the local Universe. *L. Zaninetti.* 117