

Bibliography from ADS file: *felipe.bib*

September 14, 2022

- Felipe, T., Socas-Navarro, H., Sangeetha, C. R., & Milic, I., “Limitations of the Ca II 8542 Å Line for the Determination of Magnetic Field Oscillations”, 2021ApJ...918...47F [ADS](#)
- Kuckein, C., Balthasar, H., Quintero Noda, C., et al., “Multiple Stokes I inversions for inferring magnetic fields in the spectral range around Cr I 5782 Å”, 2021A&A...653A.165K [ADS](#)
- Broock, E. G., Felipe, T., & Asensio Ramos, A., “Performance of solar far-side active region neural detection”, 2021A&A...652A.132B [ADS](#)
- Felipe, T., “Signatures of sunspot oscillations and the case for chromospheric resonances”, 2021NatAs...5....2F [ADS](#)
- Felipe, T., Henriques, V. M. J., de la Cruz Rodríguez, J., & Socas-Navarro, H., “Downflowing umbral flashes as evidence of standing waves in sunspot umbrae”, 2021A&A...645L..12F [ADS](#)
- Felipe, T., Kuckein, C., González Manrique, S. J., Milic, I., & Sangeetha, C. R., “Chromospheric Resonances above Sunspots and Potential Seismological Applications”, 2020ApJ...900L..29F [ADS](#)
- Felipe, T. & Sangeetha, C. R., “Numerical determination of the cutoff frequency in solar models”, 2020A&A...640A...4F [ADS](#)
- Felipe, T., Kuckein, C., González Manrique, S. J., Milic, I., & Sangeetha, C. R., “Chromospheric resonant cavities in umbrae: unequivocal detection and seismic applications”, 2020sea..confE.196F [ADS](#)
- Kontogiannis, I., Kuckein, C., González Manrique, S. J., et al., “The magnetic structure and dynamics of a decaying active region”, 2020IAUS..354...53K [ADS](#)
- Felipe, T. & Asensio Ramos, A., “Improved detection of far-side solar active regions using deep learning”, 2019A&A...632A..82F [ADS](#)
- Felipe, T. & Esteban Pozuelo, S., “Inversions of synthetic umbral flashes: a selection of wavelength sampling”, 2019A&A...632A..75F [ADS](#)
- Felipe, T., “Origin of the chromospheric three-minute oscillations in sunspot umbrae”, 2019A&A...627A.169F [ADS](#)
- Felipe, T., Kuckein, C., Khomenko, E., & Thaler, I., “Spiral-shaped wavefronts in a sunspot umbra”, 2019A&A...621A..43F [ADS](#)
- Felipe, T., Kuckein, C., & Thaler, I., “Height variation of the cutoff frequency in a sunspot umbra”, 2018A&A...617A..39F [ADS](#)
- Felipe, T., Socas-Navarro, H., & Przybylski, D., “Inversions of synthetic umbral flashes: Effects of scanning time on the inferred atmospheres”, 2018A&A...614A..73F [ADS](#)
- Braun, D. C., Duvall, Thomas L. J., Felipe, T., & DeGrave, K., “Helioseismic Constraints on the Subsurface Flows of the Averaged Supergranule”, 2018tess.conf11506B [ADS](#)
- Felipe, T., Collados, M., Khomenko, E., et al., “Signatures of the impact of flare-ejected plasma on the photosphere of a sunspot light bridge”, 2017A&A...608A..97F [ADS](#)
- Orozco Suárez, D., Quintero Noda, C., Ruiz Cobo, B., Collados Vera, M., & Felipe, T., “Detection of emission in the Si I 1082.7 nm line core in sunspot umbrae”, 2017A&A...607A.1020 [ADS](#)
- Felipe, T., Braun, D. C., & Birch, A. C., “Helioseismic holography of simulated sunspots: dependence of the travel time on magnetic field strength and Wilson depression”, 2017A&A...604A.126F [ADS](#)
- Felipe, T. & Khomenko, E., “Dependence of sunspot photospheric waves on the depth of the source of solar p-modes”, 2017A&A...599L...2F [ADS](#)
- Felipe, T., Martínez González, M. J., & Asensio Ramos, A., “Synthetic polarimetric spectra from stellar prominences”, 2017MNRAS.465.1654F [ADS](#)
- Felipe, T., “Forward modeling for local solar seismology”, 2017psio.confE...6F [ADS](#)
- Felipe, T., Collados, M., Khomenko, E., et al., “Three-dimensional structure of a sunspot light bridge”, 2016A&A...596A..59F [ADS](#)
- Zhao, J., Felipe, T., Chen, R., & Khomenko, E., “Tracing p-mode Waves from the Photosphere to the Corona in Active Regions”, 2016ApJ...830L..17Z [ADS](#)
- Felipe, T., Braun, D. C., Crouch, A. D., & Birch, A. C., “Helioseismic Holography of Simulated Sunspots: Magnetic and Thermal Contributions to Travel Times”, 2016ApJ...829...67F [ADS](#)
- Zhao, J., Felipe, T., Chen, R., & Khomenko, E., “Tracing Helioseismic Waves from the Photosphere to the Corona”, 2016SPD....4730307Z [ADS](#)
- Braun, D., Felipe, T., Birch, A., & Crouch, A. D., “Magnetic and Thermal Contributions to Helioseismic Travel times in Simulated Sunspots”, 2016SPD....47.0701B [ADS](#)
- Felipe, T., Socas-Navarro, H., & Khomenko, E., “Synthetic Observations of Wave Propagation in a Sunspot Umbra”, 2014ApJ...795....9F [ADS](#)
- Felipe, T., Crouch, A. D., & Birch, A. C., “Evaluation of the Capability of Local Helioseismology to Discern between Monolithic and Spaghetti Sunspot Models”, 2014ApJ...788..136F [ADS](#)
- Felipe, T., Braun, D., Crouch, A. D., & Birch, A., “Influence of Magnetic and Thermal Effects on Helioseismic Travel-time Shifts in Sunspot Models”, 2014AAS...22420206F [ADS](#)
- Felipe, T., Crouch, A., & Birch, A., “Numerical Simulations of Multiple Scattering of the f-mode by Flux Tubes”, 2013ApJ...775...74F [ADS](#)
- Felipe, T., “Three-dimensional Numerical Simulations of Fast-to-Alfvén Conversion in Sunspots”, 2012ApJ...758...96F [ADS](#)
- Felipe, T., Braun, D., Crouch, A., & Birch, A., “Scattering of the f-mode by Small Magnetic Flux Elements from Observations and Numerical Simulations”, 2012ApJ...757..148F [ADS](#)
- Felipe, T., Braun, D. C., Crouch, A. D., & Birch, A. C., “Comparison of Numerical and Observational Scattering of the f-mode by Small Magnetic Elements”, 2012AAS...22010906F [ADS](#)
- Felipe, T., Khomenko, E., Collados, M., & Beck, C., “Magneto-acoustic wave energy in sunspots: observations and numerical simulations”, 2011hsa6.conf..630F [ADS](#)
- Felipe, T., Birch, A. C., Crouch, A. D., & Braun, D. C., “Numerical simulations of scattering of f-modes by magnetic flux tubes”, 2011sdmi.confE..80F [ADS](#)
- Felipe, T., Khomenko, E., & Collados, M., “Magnetoacoustic Wave Energy from Numerical Simulations of an Observed Sunspot Umbra”, 2011ApJ...735...65F [ADS](#)
- Crouch, A. D., Braun, D. C., Felipe, T., Birch, A. C., & Duvall, T. L., “Local Helioseismology of Small-Scale Magnetic Elements”, 2011SPD....42.1604C [ADS](#)
- Felipe, T., Khomenko, E., Collados, M., & Beck, C., “Magneto-acoustic waves in sunspots from observations and numerical simulations”, 2011JPhCS.271a2040F [ADS](#)
- Felipe, T., Khomenko, E., Collados, M., & Beck, C., “Multi-layer Study of Wave Propagation in Sunspots”, 2010ApJ...722..131F [ADS](#)
- Felipe, T., Khomenko, E., & Collados, M., “Magneto-acoustic Waves in Sunspots: First Results From a New Three-dimensional Nonlinear Magnetohydrodynamic Code”, 2010ApJ...719..357F [ADS](#)
- Felipe, T., Khomenko, E., & Collados, M., “Mode transformation and frequency change with height in 3D numerical simulations of magneto-acoustic wave propagation in sunspots”, 2010arXiv1005.3684F [ADS](#)
- Felipe, T.: 2010, “Ondas MHD en la fotosfera y cromosfera de manchas solares”, Ph.D. thesis, University of La Laguna, Spain 2010PhDT.....165F [ADS](#)
- Khomenko, E., Collados, M., & Felipe, T., “Observational Signatures of Numerically Simulated MHD Waves in Small-scale Flux Sheets”, 2009ASPC..405..183K [ADS](#)
- Khomenko, E., Collados, M., & Felipe, T., “Nonlinear Numerical Simulations of Magneto-Acoustic Wave Propagation in Small-Scale Flux Tubes”, 2008SoPh..251..589K [ADS](#)
- Felipe, T., Khomenko, E., Collados, M., & Beck, C., “Multi-layer Study of Wave Propagation in Sunspots”, 2008ESPM...12.2.12F [ADS](#)