

Bibliography from ADS file: korzennik.bib
 September 14, 2022

- Kosovichev, A. G., Brummell, N., Dikpati, M., et al., “*Helioseismic Constraints on the Solar Interior Dynamics and Dynamo*”, 2020AGUFMSH007..04K ADS
- Korzennik, S. G., “*On Active Region Emergence Precursors*”, 2020ASSP...57..129K ADS
- Korzennik, S. G., “*On the search of active region emergence precursors using acoustic power maps and travel time anomalies derived from time-distance analysis of HMI observations*”, 2019AA...23430505K ADS
- Korzennik, S. G., “*New and Improved Mode Fitting Results*”, 2018csc..confE.132K ADS
- Korzennik, S. G., “*Initial Results from Fitting p -Modes Using Intensity Observations from the Helioseismic and Magnetic Imager*”, 2017SoPh..292..138K ADS
- Korzennik, S. G., “*Detailed Image Comparison using MDI, HMI and GONG Co-Eval Observations*”, 2017SPD....4811302K ADS
- Korzennik, S. G., “*Initial Results from Fitting Resolved Modes using HMI Intensity Observations*”, 2017SPD....4811301K ADS
- Korzennik, S. G., “*Initial Results from Fitting Resolved Modes using HMI Intensity Observations*”, 2017arXiv170709895K ADS
- Korzennik, S. G., “*Temporal Changes of pModes Properties Derived from Nearly 20 Year of Observations*”, 2016usc..confE.125K ADS
- Korzennik, S. G., “*On the Temporal Changes of Helioseismic Properties Derived with Different Techniques*”, 2016SPD....4710701K ADS
- Korzennik, S. G., “*Fitting medium and high degrees using GONG, MDI and HMI observations.*”, 2014AA...22421813K ADS
- Korzennik, S. G., Eff-Darwich, A., Larson, T. P., Raballo-Soares, M. C., & Schou, J., “*Characterization of High-Degree Modes using MDI, HMI and GONG Data*”, 2013ASPC..478..173K ADS
- Korzennik, S. G., “*Mode Frequencies from GONG, MDI, and HMI Data*”, 2013ASPC..478..137K ADS
- Eff-Darwich, A. & Korzennik, S. G., “*The Dynamics of the Solar Radiative Zone*”, 2013SoPh..287...43E ADS
- Korzennik, S. G., Raballo-Soares, M. C., Schou, J., & Larson, T. P., “*Accurate Characterization of High-degree Modes Using MDI Observations*”, 2013ApJ...772..87K ADS
- Korzennik, S. G., Raballo-Soares, M. C., Schou, J., & Larson, T. P., “*Accurate characterization of high-degree modes using MDI data*”, 2013JPhCS.440a2016K ADS
- Korzennik, S. G. & Eff-Darwich, A., “*Mode Frequencies from 17, 15 and 2 Years of GONG, MDI, and HMI Data*”, 2013JPhCS.440a2015K ADS
- Korzennik, S. G., Raballo-Soares, M. C., & Schou, J., “*Erratum: “On the Determination of Michelson Doppler Imager High-degree Mode Frequencies” (2004, ApJ, 602, 481)*”, 2012ApJ...760..156K ADS
- Phillips, D. F., Glenday, A., Li, C.-H., et al., “*Calibration of an echelle spectrograph with an astro-comb: a laser frequency comb with very high repetition rate*”, 2012SPIE.8446E..80P ADS
- Korzennik, S. G. & Eff-Darwich, A., “*The Solar Rotation and Its Evolution during Cycle 23*”, 2012ASPC..462..267K ADS
- Korzennik, S. G., Raballo-Soares, M. C., Schou, J., & Larson, T. P., “*A Determination of High-degree Mode Parameters Based on MDI Observations*”, 2012ASPC..462..189K ADS
- Phillips, D. F., Glenday, A. G., Li, C.-H., et al., “*Calibration of an astrophysical spectrograph below 1 m/s using a laser frequency comb*”, 2012OExpr..2013711P ADS
- Korzennik, S. G., “*Results from fitting 13+ years of GONG and MDI data at low and intermediate degrees*”, 2011sdmi.confE..90K ADS
- Korzennik, S. G., Raballo-Soares, M. C., Schou, J., & Larson, T., “*A determination of high degree mode parameters based on MDI observations*”, 2011sdmi.confE..88K ADS
- Larson, T. P., Schou, J., & Korzennik, S. G., “*Comparing Leakage Matrices*”, 2011sdmi.confE..44L ADS
- Phillips, D., Glenday, A., Li, C.-H., et al., “*Red, Green, and Blue Astro-combs*”, 2011APS..DMP.L1162P ADS
- Glenday, A., Li, C.-H., Phillips, D., et al., “*High Accuracy Characterization of an Astro-comb with an FTS*”, 2011APS..DMP.L1161G ADS
- Li, C.-H., Glenday, A., Phillips, D., et al., “*Calibration of an Astrophysical Spectrograph with an Astro-comb in the Visible Spectral Range*”, 2011APS..DMP.J5005L ADS
- Raballo-Soares, M. C., Bogart, R., Korzennik, S., et al., “*A Comparison Of Solar High-degree p-mode Parameters From HMI And MDI*”, 2011SPD....42..1606R ADS
- Korzennik, S. G. & Eff-Darwich, A., “*The Solar Rotation and its Evolution During Cycle 23*”, 2011AA...21822422K ADS
- Eff-Darwich, A. & Korzennik, S. G., “*Accurate Mapping of the Torsional Oscillations: a Trade-Off Study between Time Resolution and Mode Characterization Precision*”, 2011JPhCS.271a2078E ADS
- Korzennik, S. G. & Eff-Darwich, A., “*The rotation rate and its evolution derived from improved mode fitting and inversion methodology*”, 2011JPhCS.271a2067K ADS
- Eff-Darwich, A. & Korzennik, S. G., “*The solar core as never seen before*”, 2011JPhCS.271a2043E ADS
- Eff-Darwich, A., Korzennik, S. G., & García, R. A., “*Advances in solar rotation rate inferences: Unstructured grid inversions and improved rotational splittings*”, 2010AN....331..890E ADS
- Li, C.-H., Glenday, A. G., Benedict, A. J., et al., “*In-situ determination of astro-comb calibrator lines to better than 10 cm s⁻¹*”, 2010OExpr..1813239L ADS
- McArthur, B. E., Benedict, G. F., Barnes, R., et al., “*New Observational Constraints on the psilon Andromedae System with Data from the Hubble Space Telescope and Hobby-Eberly Telescope*”, 2010ApJ...715.1203M ADS
- McArthur, B., Benedict, G. F., Barnes, R., et al., “*New Observational Constraints on the psilon Andromedae System with Data from the Hubble Space Telescope and Hobby Eberly Telescope*”, 2010AA...21642510M ADS
- Chaplin, W. J., Appourchaux, T., Elsworth, Y., et al., “*The Asteroseismic Potential of Kepler: First Results for Solar-Type Stars*”, 2010ApJ...713L.169C ADS
- Sozzetti, A., Latham, D. W., Torres, G., et al., “*On the Frequency of Gas Giant Planets in the Metal-Poor Regime*”, 2010IAUS..265..416S ADS
- Phillips, D. F., Glenday, A., Li, C.-H., et al., “*Calibration of an Astrophysical Spectrograph with an Astro-comb*”, 2010APS..DMP.E1050P ADS
- Li, C.-H., Glenday, A., Phillips, D. F., et al., “*Laboratory Demonstration of a Green Astro-comb*”, 2010APS..DMP.E1049L ADS
- Sozzetti, A., Latham, D. W., Torres, G., et al., “*The Keck metal-poor planet search . On the frequency of gas giant planets in the metal-poor regime*”, 2010MSAIS..14..173S ADS
- Korzennik, S. G., “*Results from Fitting Long and Very-Long MDI Time-Series at Low and Intermediate Degrees*”, 2009ASPC..416..315K ADS
- Raballo-Soares, M. C. & Korzennik, S. G., “*Search for Structural Variations of the Near-Surface Layers of the Sun during the Solar Cycle*”, 2009ASPC..416..277R ADS
- Salabert, D., Eff-Darwich, A., Howe, R., & Korzennik, S. G., “*Impact of Low-Frequency p Modes on the Inversions of the Internal Rotation of the Sun*”, 2009ASPC..416..253S ADS
- Korzennik, S. G. & Eff-Darwich, A., “*On the Dependence of our Inferences about the Solar Internal Rotation on the Frequency Fitting Methodology*”, 2009ASPC..416..221K ADS
- Mathur, S., Ballot, J., Eff-Darwich, A., et al., “*What Can We Learn on the Structure and the Dynamics of the Solar Core with g Modes?*”, 2009ASPC..416..215M ADS
- Cramer, C., Brown, S., Dupree, A. K., et al., “*A Tunable Laser System for the Wavelength Calibration of Multi-Object Spectrographs*”, 2009AA...21361105C ADS
- Sozzetti, A., Torres, G., Latham, D. W., et al., “*A Keck HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs. II. On the Frequency of Giant Planets in the Metal-Poor Regime*”, 2009ApJ...697..544S ADS
- Sozzetti, A., Torres, G., Charbonneau, D., et al., “*A New Spectroscopic and Photometric Analysis of the Transiting Planet Systems TrES-3 and TrES-4*”, 2009ApJ...691.1145S ADS
- Korzennik, S. G., “*YAOPBM-II: extension to higher degrees and to shorter time series*”, 2008JPhCS.118a2082K ADS
- Korzennik, S. G., Raballo-Soares, M. C., & Schou, J., “*High degree modes & instrumental effects*”, 2008JPhCS.118a2027K ADS
- Raballo-Soares, M. C., Korzennik, S. G., & Schou, J., “*Analysis of MDI High-Degree Mode Frequencies and their Rotational Splittings*”, 2008SoPh..251..197R ADS
- García, R. A., Mathur, S., Ballot, J., et al., “*Influence of Low-Degree High-Order p-Mode Splittings on the Solar Rotation Profile*”, 2008SoPh..251..119G ADS
- Szentgyorgyi, A., Cramer, C., Benedict, A., et al., “*Deploying comb and tunable lasers to enable precision radial velocity surveys*”, 2008SPIE.7014E..1WS ADS
- Eff-Darwich, A., Korzennik, S. G., Jiménez-Reyes, S. J., & García, R. A., “*Analysis of the Sensitivity of Solar Rotation to Helioseismic Data from GONG, GOLF, and MDI Observations*”, 2008ApJ...679.1636E ADS
- Eff-Darwich, A., Régulo, C., Korzennik, S. G., Pérez Hernández, F., & Roca Cortés, T., “*Detection and temporal coherence of p-modes below 1.4 mHz*”, 2008AN....329..470E ADS
- Korzennik, S. G., “*YAOPBM - yet another peak bagging method*”, 2008AN....329..453K ADS
- Raballo-Soares, M., Korzennik, S., & Schou, J., “*Analysis of MDI high-degree solar-p mode parameters*”, 2008AGUUSMSP21A..03R ADS

- Korzennik, S. G., "Current status of asteroseismology", 2008AdSpR..41..897K [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "Variations of the solar acoustic high-degree mode frequencies over solar cycle 23", 2008AdSpR..41..861R [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "High-degree Mode Frequencies Using Global Helioseismology Analysis Of MDI Observations And Their Variation With Solar Cycle", 2007AAS...210.2215R [ADS](#)
- Tolls, V., Aziz, M. J., Gonsalves, R. A., et al., "Study of High-Performance Coronagraphic Techniques", 2007AAS...20925508T [ADS](#)
- Eff-Darwich, A., Korzennik, S. G., Jiménez-Reyes, S. J., & García, R. A., "On the direct determination of sensitivity, resolution and information content of helioseismic data application to the inversion of the solar core rotation rate", 2006ESASP.624E..84E [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "High-degree mode frequencies: changes with solar cycle", 2006ESASP.624E..71R [ADS](#)
- Korzennik, S. G., "The cookie cutter test for time-distance tomography of active regions", 2006ESASP.624E..60K [ADS](#)
- Sozzetti, A., Torres, G., Latham, D. W., et al., "A Keck HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs. I. Testing Giant Planet Formation and Migration Scenarios", 2006ApJ...649..428S [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "The determination of global high-degree solar p-mode parameters: challenges and new results", 2006IAUJD..17E..7R [ADS](#)
- Tolls, V., Aziz, M., Gonsalves, R. A., et al., "Study of coronagraphic techniques", 2006SPIE.6265E..3KT [ADS](#)
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., "Changes Of The Solar Acoustic High-degree Mode Frequencies Over The Solar Cycle", 2006SPD...37.0508K [ADS](#)
- Walters, M. A., Korzennik, S. G., Nisenson, P., & Henry, G. W., "Precise Radial Velocities with an Upgraded Advanced Fiber Optic Echelle (AFOE)", 2006AAS...20721108W [ADS](#)
- Tolls, V., Aziz, M., Gonsalves, R. A., et al., "Study of Coronagraphic Techniques", 2006dies.conf..457T [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "Variations of the solar acoustic high-degree mode parameters over solar cycle 23", 2006cosp...36.2668R [ADS](#)
- Korzennik, S., "Current status of asteroseismology", 2006cosp...36.2553K [ADS](#)
- Tolls, V., Aziz, M., Gonsalves, R., et al., "Study of Coronagraphic Techniques", 2006amos.confE..16T [ADS](#)
- Tolls, V., Aziz, M. J., Gonsalves, R. A., et al., "Study of Coronagraphic Techniques", 2005AAS...20719105T [ADS](#)
- Tolls, V., Aziz, M., Gonsalves, R. A., et al., "Study of high-performance coronagraphic techniques", 2005SPIE.5905..494T [ADS](#)
- Korzennik, S. G., "A Mode-Fitting Methodology Optimized for Very Long Helioseismic Time Series", 2005ApJ...626..585K [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "New Steps Towards the Unbiased Characterization of High-Degree Mode Frequencies", 2005AGUSMSP11B..08R [ADS](#)
- Tolls, V., Nisenson, P., Aziz, M. J., et al., "Study of Coronagraphic Techniques", 2004AAS...20517104T [ADS](#)
- Korzennik, S. G., "A Mode Fitting Methodology Optimized for Very Long Time Series", 2004ESASP.559..524K [ADS](#)
- Eff-Darwich, A., Korzennik, S. G., Jiménez-Reyes, S., & García, R. A., "PCA Inversions for the Rotation of the Solar Radiative Interior", 2004ESASP.559..420E [ADS](#)
- Jiménez-Reyes, S. J., García, R. A., Chaplin, W. J., & Korzennik, S. G., "On the Spatial Dependence of Low-Degree Solar p-Mode Frequency Shifts from Full-Disk and Resolved-Sun Observations", 2004ApJ...610L..65J [ADS](#)
- García, R. A., Corbard, T., Chaplin, W. J., et al., "About the rotation of the solar radiative interior", 2004SoPh..220..269G [ADS](#)
- Martié, M., Lebrun, J. C., Appourchaux, T., & Korzennik, S. G., "p-mode frequencies in solar-like stars. I. Procyon A", 2004A&A...418..295M [ADS](#)
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., "On the Determination of Michelson Doppler Imager High-Degree Mode Frequencies", 2004ApJ...602..481K [ADS](#)
- Miller, J. K., Korzennik, S. G., & Nisenson, P., "Calculating Velocity Shifts Between the Pre- and Post-Upgrade AFOE Data Sets", 2003AAS...203.1710M [ADS](#)
- Naef, D., Mayor, M., Korzennik, S. G., et al., "The ELODIE survey for northern extra-solar planets. II. A Jovian planet on a long-period orbit around GJ 777 A", 2003A&A...410..1051N [ADS](#)
- Naef, D., Mayor, M., Korzennik, S. G., et al., "VizieR Online Data Catalog: ELODIE survey for northern extra-solar planets. II. (Naef+, 2003)", 2003yCat..34101051N [ADS](#)
- García, R. A., Eff-Darwich, A., Korzennik, S. G., et al., "Analysis of rotational frequency splittings sensitive to the rotation rate of the solar core", 2003ESASP.517..271G [ADS](#)
- Eff-Darwich, A. & Korzennik, S. G., "A new upper limit to the temporal variation of the rotation rate of the tachocline between 1994 and 2002", 2003ESASP.517..267E [ADS](#)
- Korzennik, S. G., Rabello-Soares, C., & Schou, J., "On the characterization of high-degree modes: a lesson from MDI", 2003ESASP.517..145K [ADS](#)
- Nisenson, P., Melnick, G. J., Geary, J., et al., "The Extrasolar Planet Imager (ESPI)", 2003ASP..294..633N [ADS](#)
- Eff-Darwich, A., Korzennik, S. G., Jiménez-Reyes, S. J., & Pérez Hernández, F., "An Upper Limit on the Temporal Variations of the Solar Interior Stratification", 2002ApJ...580..574E [ADS](#)
- Eff-Darwich, A., Korzennik, S. G., & Jiménez-Reyes, S. J., "Inversion of the Internal Solar Rotation Rate", 2002ApJ...573..857E [ADS](#)
- Melnick, G. J., Fischer, D., Geary, J. C., et al., "The Extra-Solar Planet Imager (ESPI): A Proposed MIDEX Mission", 2001AAS...199.0910M [ADS](#)
- Korzennik, S. G. & Eff-Darwich, A., "Time-Distance Inversions: Potential and Limitations", 2001AGUSM..SP31A20K [ADS](#)
- Woodard, M. F., Korzennik, S. G., Rabello-Soares, C., et al., "Energy Distribution of Solar Oscillation Modes Inferred from Space-Based Measurements", 2001AGUSM..SP21C05W [ADS](#)
- Woodard, M. F., Korzennik, S. G., Rabello-Soares, M. C., et al., "Energy Distribution of Solar Oscillation Modes Inferred from Space-based Measurements", 2001ApJ...548L.103W [ADS](#)
- Eff-Darwich, A., Régulo, C., Roca Cortés, T., Pallé, P. L., & Korzennik, S. G., "A self-consistent procedure to detect low-l low-n solar p-modes", 2001ESASP.464..511E [ADS](#)
- Eff-Darwich, A., Thiery, S., Jiménez-Reyes, S., Korzennik, S. G., & Pérez-Hernández, F., "Rotation of the solar interior: compatibility of different helioseismic data sets", 2001ESASP.464..507E [ADS](#)
- Eff-Darwich, A., Pérez-Hernández, F., & Korzennik, S. G., "Interdependence of the basis functions of the solar stratification inversion problem", 2001ESASP.464..503E [ADS](#)
- Eff-Darwich, A., Pérez Hernández, F., & Korzennik, S. G., "Sensitivity of oscillation frequencies to temporal variations in the tachocline region", 2001ESASP.464..289E [ADS](#)
- Korzennik, S. G., "On the diagnostic potential of time-distance helioseismology", 2001ESASP.464..149K [ADS](#)
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "The determination of MDI high-degree mode frequencies", 2001ESASP.464..129R [ADS](#)
- Eff-Darwich, A. & Korzennik, S. G., "Response of the radial stratification at the base of the convection zone to the activity cycle", 2000SoPh..193..365E [ADS](#)
- Korzennik, S. G., Brown, T. M., Fischer, D. A., Nisenson, P., & Noyes, R. W., "A High-Eccentricity Low-Mass Companion to HD 89744", 2000ApJ...533L.147K [ADS](#)
- Butler, R. P., Marcy, G. W., Fischer, D. A., et al., "Evidence for Multiple Companions to psilon Andromedae", 1999ApJ...526..916B [ADS](#)
- Schou, J., Bogart, R. S., Bush, R. I., et al., "Stellar and Planetary Explorer (SPEX)", 1999AAS...195.8808S [ADS](#)
- Noyes, R. W., Korzennik, S. G., Nisenson, P., et al., "Evidence for a system of planets orbiting Upsilon Andromedae.", 1999BAAS...31.1236N [ADS](#)
- Charbonneau, D., Noyes, R. W., Korzennik, S. G., et al., "An Upper Limit on the Reflected Light from the Planet Orbiting the Star τ Bootis", 1999ApJ...522L.145C [ADS](#)
- Noyes, R. W., Korzennik, S. G., Nisenson, P., et al., "Evidence for a System of Planets Orbiting Upsilon Andromedae", 1999AA...194.1404N [ADS](#)
- Korzennik, S. G. & Eff-Darwich, A., "Solar Rotation Near the Surface: The Outer I", 1999soho...9E..68K [ADS](#)
- Eff-Darwich, A. & Korzennik, S. G., "Response of the Stratification in the Sun to the Solar Activity Cycle", 1999soho...9E..53E [ADS](#)
- Kennelly, E. J., Brown, T. M., Ehrenfreund, P., et al., "Doppler Imaging of Stellar Oscillations: Multi-Site Observations of Epsilon Cephei", 1999ASPC..185..264K [ADS](#)
- Noyes, R. W., Contos, A. R., Korzennik, S. G., et al., "The Planet Orbiting ρ Coronae Borealis", 1999ASPC..185..162N [ADS](#)
- Nisenson, P., Contos, A., Korzennik, S., Noyes, R., & Brown, T., "The Advanced Fiber-Optic Echelle (AFOE) and Extra-Solar Planet Searches", 1999ASPC..185..143N [ADS](#)
- Korzennik, S. G. & Wilson, A.: 1998, *Structure and dynamics of the interior of the Sun and Sun-like stars. Proceedings.* 1998sdis.book....K [ADS](#)
- Schou, J., Antia, H. M., Basu, S., et al., "Helioseismic Studies of Differential Rotation in the Solar Envelope by the Solar Oscillations Investigation Using the Michelson Doppler Imager", 1998ApJ...505..390S [ADS](#)
- Brown, T. M., Kotak, R., Horner, S. D., et al., "Exoplanets or Dynamic Atmospheres? The Radial Velocity and Line Shape Variations of 51 Pegasi and τ Bootis", 1998ApJS..117..563B [ADS](#)
- Eff-Darwich, A., Korzennik, S. G., Roca Cortés, T., Pérez Hernández, F., & Pallé, P., "The Solar Rotation Rate $\Omega(R, \theta)$ ", 1998Ap&SS.263..347E [ADS](#)
- Kennelly, E. J., Brown, T. M., Kotak, R., et al., "The Oscillations of Tau Pegasi", 1998ApJ...495..440K [ADS](#)

- Brown, T. M., Kotak, R., Horner, S. D., et al., "A Search for Line Shape and Depth Variations in 51 Pegasi and τ Bootis", 1998ApJ...494L..85B [ADS](#)
- Korzennik, S. G., "Observational Analysis of Asymmetries in Velocity and Intensity Power Spectra", 1998ESASP.418..933K [ADS](#)
- Howe, R., Antia, H., Basu, S., et al., "The SOI-MDI High-Latitude Jet: the Evidence For and Against", 1998ESASP.418..803H [ADS](#)
- Eff-Darwich, A. & Korzennik, S. G., "The Rotation of the Solar Core: Compatibility of the Different Data Sets Available", 1998ESASP.418..685E [ADS](#)
- Baudin, F. & Korzennik, S. G., "On the Precision of Time/Distance Measurements", 1998ESASP.418..611B [ADS](#)
- Schou, J., Scherrer, P. H., Brown, T. M., et al., "The Stellar and Planetary Explorer (SPEX) Mission", 1998ESASP.418..401S [ADS](#)
- , "Structure and Dynamics of the Interior of the Sun and Sun-like Stars", 1998ESASP.418....K [ADS](#)
- Korzennik, S. G., Brown, T. M., Contos, A. R., et al., "Exoplanet Research with the Advanced Fiber Optic Echelle", 1998ASPC..154.1876K [ADS](#)
- Horner, S. D., Brown, T. M., Kennedy, E. J., et al., "51 Pegasi and Tau Bootis: Planets or Pulsations?", 1998ASPC..154.1860H [ADS](#)
- Krockenberger, M., Sasselov, D., Noyes, R., et al., "Temperatures of Cepheids from Line-Depth Ratios", 1998ASPC..154..791K [ADS](#)
- Horner, S. D., Brown, T. M., Kennelly, E. J., et al., "51 Pegasi and Tau Bootis: Planets or Pulsations?", 1998ASPC..135..206H [ADS](#)
- Scherrer, P. H., Schou, J., Bogart, R. S., et al., "Rotation and Zonal Flows in the Solar Envelope from the SOHO/MDI Observations", 1997AA...191.7310S [ADS](#)
- Horner, S. D., Brown, T. M., Kennelly, E. J., et al., "Asteroseismology of Procyon with the AFOE", 1997AA...191.4310H [ADS](#)
- Noyes, R. W., Jha, S., Korzennik, S. G., et al., "Erratum: A Planet Orbiting the Star Rho Coronae Borealis:", 1997ApJ...487L.195N [ADS](#)
- Noyes, R. W., Jha, S., Korzennik, S. G., et al., "A Planet Orbiting the Star ρ Coronae Borealis", 1997ApJ...483L.111N [ADS](#)
- Korzennik, S., Thompson, M. J., Toomre, J., & GONG Internal Rotation Team, "Internal rotation and dynamics of the Sun from GONG data", 1997IAUS..181..211K [ADS](#)
- Brown, T. M., Kennelly, E. J., Korzennik, S. G., et al., "A Radial Velocity Search for p -Mode Pulsations in η Bootis", 1997ApJ...475..322B [ADS](#)
- Noyes, R., Jha, S., Korzennik, S., et al., "The AFOE Program of Extra-Solar Planet Research", 1997ASPC..119..119N [ADS](#)
- Didkovskii, L. V., Dolgushin, A. I., Kotov, V. A., et al., "The first results of solar observations made in the Crimean Astrophysical Observatory using a magneto-optical filter", 1996R&QE..39..916D [ADS](#)
- Thompson, M. J., Toomre, J., Anderson, E. R., et al., "Differential Rotation and Dynamics of the Solar Interior", 1996Sci...272.1300T [ADS](#)
- Hill, F., Stark, P. B., Stebbins, R. T., et al., "The Solar Acoustic Spectrum and Eigenmode Parameters", 1996Sci...272.1292H [ADS](#)
- Brown, T. M., Kennelly, E. J., Noyes, R. W., et al., "A radial velocity search for p -modes in Procyon.", 1996BAAS...28..917B [ADS](#)
- Horner, S. D., Kennelly, E. J., Brown, T. M., et al., "The oscillation modes of ?? Cep and τ Peg.", 1996BAAS...28..916H [ADS](#)
- Noyes, R. W., Korzennik, S. G., Krockenberger, M., et al., "Use of Temperature-Sensitive Line Ratios for Stellar Seismology", 1996AA...188.5906N [ADS](#)
- Brown, T. M., Kennelly, E. J., Noyes, R. W., et al., "A Radial Velocity Search for p -modes in Procyon", 1996AA...188.5902B [ADS](#)
- Horner, S. D., Kennelly, E. J., Brown, T. M., et al., "The Oscillation Modes of epsilon CEP and tau Peg", 1996AA...188.5901H [ADS](#)
- Noyes, R., Korzennik, S., Nisenson, P., et al., "HD 3346", 1996IAUC.6316...1N [ADS](#)
- Didkovsky, L. V., Rhodes, E. J., J., Dolgushin, A. I., et al., "First Results of Solar Oscillations Made in Crimean Astrophysical Observatory Using Magneto-Optical Filter", 1996RaF....39..11D [ADS](#)
- Patron, J., Hill, F., Rhodes, E. J., J., Korzennik, S. G., & Cacciani, A., "Velocity Fields within the Solar Convection Zone: Evidence from Oscillation Ring Diagram Analysis of Mount Wilson Dopplergrams", 1995ApJ...455..746P [ADS](#)
- Noyes, R. W., Korzennik, S. G., Nisenson, P., et al., "A Radial Velocity Search for p -mode Pulsations in eta Bootis", 1995AA...18710211N [ADS](#)
- Horner, S. D., Brown, T. M., Kennelly, E. J., et al., "Determining the AFOE's Radial Velocity Precision with Solar Observations", 1995AA...187.7006H [ADS](#)
- Mayor, M., Queloz, D., Marcy, G., et al., "51 Pegasi", 1995IAUC.6251...1M [ADS](#)
- Didkovsky, L. V., Andreeva, O. A., Borzyak, P. I., et al., "Adjustment and Focus of Solar Images for Magneto-Optical Filter Observations", 1995ESASP.376b.201D [ADS](#)
- Didkovsky, L. V., Andreeva, O. A., Borzyak, P. I., et al., "Method Optimization for Calculating the Solar-Limb Position", 1995ESASP.376b.197D [ADS](#)
- Didkovsky, L. V., Andreeva, O. A., Borzyak, P. I., et al., "Restoration of Full-Disk Velocity Maps Obtained with Magneto-Optical Filter", 1995ESASP.376b.191D [ADS](#)
- Patrón, J., Rhodes, E. J., J., & Korzennik, S. G., "Looking for Non-Local Features in Horizontal Velocity Flows", 1995ESASP.376b.133P [ADS](#)
- Korzennik, S. G., Noyes, R. W., Brown, T., Nisenson, P., & Horner, S., "Nightly Variations of Nonradial Oscillations in the Delta Scuti Star υ Ursae Majoris", 1995ApJ...443L..25K [ADS](#)
- Didkovsky, L. V., Andreeva, O. A., Borzyak, P. I., et al., "Compensation of Large-Area Non-Linearity in Solar Velocity Maps Obtained with a Sodium Magneto-Optical Filter", 1995ASPC..76..536D [ADS](#)
- Korzennik, S. G., Noyes, R. W., & Ziskin, V., "Local Helioseismology: Analysis of Localized Time-Distance Diagrams from Quiet and Active Regions", 1995ASPC..76..268K [ADS](#)
- Rhodes, E. J., J., Johnson, N. M., Rose, P. J., Korzennik, S. G., & Cacciani, A., "Solar Cycle Dependence of p -Mode Frequencies at Intermediate and High Degrees", 1995ASPC..76..227R [ADS](#)
- Patron, J., Hill, F., Rhodes, E. J., J., Korzennik, S. G., & Cacciani, A., "Ring Diagram Analysis of Mt. Wilson Data: Velocity Fields within the Solar Convection Zone", 1995ASPC..76..208P [ADS](#)
- Reiter, J., Rhodes, E. J., J., Dappen, W., & Korzennik, S. G., "Applications of Massively-Parallel Computing in Solar Modeling", 1995ASPC..76..140R [ADS](#)
- Korzennik, S. G., Rhodes, E. J., J., Johnson, N. M., Rose, P., & Cacciani, A., "On the Determination of the Solar Internal Rotation", 1995ASPC..76..12K [ADS](#)
- Brown, T. M., Noyes, R. W., Nisenson, P., Korzennik, S. G., & Horner, S., "The AFOE: A Spectrograph for Precision Doppler Studies", 1994PASP..106.1285B [ADS](#)
- Korzennik, S., Noyes, R., Brown, T., Nisenson, P., & Horner, S., "Nightly Variations of Non-Radial Oscillations in the Delta Scuti Star υ UMa", 1993AA...183.8405K [ADS](#)
- Hill, F., Patron, J., Rhodes, E. J., J., Korzennik, S. G., & Cacciani, A., "Ring Diagram Analysis of Mt. Wilson Data: Current Status", 1993BAAS...25R1193H [ADS](#)
- Rhodes, Edward J., J., Cacciani, A., Korzennik, S. G., & Ulrich, R. K., "Confirmation of Solar Cycle-dependent Intermediate-Degree p -Mode Frequency Shifts", 1993ApJ...406..714R [ADS](#)
- Noyes, R. W., Brown, T. M., Horner, S., Korzennik, S., & Nisenson, P., "An Advanced Fiber Optic Echelle Spectrograph for Asteroseismology", 1993ASPC..42..485N [ADS](#)
- Rhodes, E. J., J., Cacciani, A., Dappen, W., et al., "Plans for MT.WILSON - Crimean Observatory High-Degree Helioseismology Network", 1993ASPC..42..477R [ADS](#)
- Korzennik, S. G., Rhodes, E. J., J., & Johnson, N. M., "Helioseismology on a Massively Parallel Architecture - Reduction of 1024-by-1024 Full-Disk Dopplergrams on Intel's Touchstone-Delta Supercomputer", 1993ASPC..42..461K [ADS](#)
- Patron, J., Hill, F., Rhodes, E. J., J., et al., "Ring Diagram Analysis of MT.WILSON Data", 1993ASPC..42..437P [ADS](#)
- Korzennik, S. G., Cacciani, A., & Rhodes, E. J., J., "Towards a Better Determination of Frequency Splittings at Intermediate and High Degree Modes - Preliminary Results of Sectoral Frequency Splittings from a 90-DAY Observing Run", 1993ASPC..42..201K [ADS](#)
- Rhodes, E. J., J., Cacciani, A., & Korzennik, S. G., "Preliminary P-Mode Frequencies from a 93-DAY MT.WILSON 60-FOOT Tower Observing Run", 1993ASPC..42..193R [ADS](#)
- Korzennik, S. G. & Sabbe, C. N., "Measurement of the Phase Relation Between Velocity and Intensity Fluctuations", 1993ASPC..42..115K [ADS](#)
- Noyes, R. W., Brown, T. M., Horner, S., Korzennik, S., & Nisenson, P., "The AFOE - a new instrument for asteroseismology", 1993ASPC..40..752N [ADS](#)
- Korzennik, S. G., "Seismic Analysis of the Sun from Intermediate and High Degree p -modes", 1991BAAS..23Q1032K [ADS](#)
- Hathaway, D. H., Rhodes, E. J., J., Korzennik, S., & Cacciani, A., "Rotation Rate of the Supergranulation Pattern", 1991BAAS...23.1051H [ADS](#)
- Rhodes, E. J., J., Korzennik, S. G., Hathaway, D. H., & Cacciani, A., "How Deeply Might Sunspots and Supergranules Be Anchored within the Sun?", 1991BAAS...23.1033R [ADS](#)
- Goode, P. R., Dziembowski, W. A., Korzennik, S. G., & Rhodes, E. J., J., "What We Know about the Sun's Internal Rotation from Solar Oscillations", 1991ApJ...367..649G [ADS](#)
- Rhodes, E. J., Cacciani, A., Korzennik, S. G., & Ulrich, R. K., "Further Evidence for Radial Variations in the Solar Equatorial Angular Velocity Profile", in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 285 1991LNP...388..285R [ADS](#)

- Rhodes, E. J., Brown, T. M., Cacciani, A., Korzennik, S. G., & Ulrich, R. K., “*Measurements of Intermediate- and High-Degree (20< ℓ <600) p-Mode Solar Oscillation Power and Energy*”, in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 277 1991LNP...388..277R [ADS](#)
- Hill, F., Rhodes, E. J., Korzennik, S. G., Cacciani, A., & Brown, T. M., “*Solar Oscillation Ring Diagrams from Mt. Wilson Full-Disk Magneto-Optical Dopplergrams*”, in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 271 1991LNP...388..271H [ADS](#)
- Hathaway, D. H., Rhodes, E. J., Cacciani, A., & Korzennik, S. G., “*The Supergranulation Spectrum*”, in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 163 1991LNP...388..163H [ADS](#)
- Rhodes, E. J., Cacciani, A., & Korzennik, S. G., “*Observations of intermediate- and high-degree p-mode oscillations during sunspot cycles 21 and 22*”, 1991AdSpR..11d..17R [ADS](#)
- Rhodes, E. J., J., Cacciani, A., Korzennik, S., & Ulrich, R. K., “*Further Evidence for Radial Variations in the Solar Equatorial Angular Velocity Profile*”, 1990BAAS...22..896R [ADS](#)
- Rhodes, Edward J., J., Cacciani, A., Korzennik, S., et al., “*Depth and Latitude Dependence of the Solar Internal Angular Velocity*”, 1990ApJ...351..687R [ADS](#)
- Korzennik, S. G.: 1990, “*Seismic Analysis of the Sun from Intermediate and High-Degree P-Modes*”, Ph.D. thesis, University of California, Los Angeles 1990PhDT.....11K [ADS](#)
- Goode, P. R., Dziembowski, W. A., Rhodes, E. J., J., & Korzennik, S., “*Has the sun's internal rotation changed through this activity cycle ?*”, in Y. Osaki and H. Shibahashi (Eds.), Progress of Seismology of the Sun and Stars, Vol. 367, 349 1990LNP...367..349G [ADS](#)
- Korzennik, S. G., Cacciani, A., Rhodes, E. J., & Ulrich, R. K., “*Contribution of High-Degree Frequency Splittings to the Inversions of the Solar Rotation Rate*”, in Y. Osaki and H. Shibahashi (Eds.), Progress of Seismology of the Sun and Stars, Vol. 367, 341 1990LNP...367..341K [ADS](#)
- Rhodes, E. J., Cacciani, A., & Korzennik, S. G., “*Evidence for Radial Variations in the Equatorial Profile of the Solar Internal Angular Velocity*”, in Y. Osaki and H. Shibahashi (Eds.), Progress of Seismology of the Sun and Stars, Vol. 367, 163 1990LNP...367..163R [ADS](#)
- Korzennik, S. G. & Ulrich, R. K., “*Seismic Analysis of the Solar Interior. I. Can Opacity Changes Improve the Theoretical Frequencies?*”, 1989ApJ...339.1144K [ADS](#)
- Rhodes, E. J., J., Cacciani, A., & Korzennik, S., “*Evidence for Degree-Dependent Variations in the Frequency Splittings of Solar Sectoral p-Modes*”, 1989BAAS...21..831R [ADS](#)
- Hathaway, D. H., Rhodes, E. J., J., Cacciani, A., & Korzennik, S., “*Spectrum Lifetime, and Rotation Rate of Supergranules*”, 1989BAAS...21..829H [ADS](#)
- Andersen, B. N., Domingo, V., Jones, A. R., et al., “*Solar Luminosity Oscillation Telescope (SLOT)*”, 1988ESASP.286..175A [ADS](#)
- Tomczyk, S., Cacciani, A., Korzennik, S. G., Rhodes, Edward J., J., & Ulrich, R. K., “*Measurement of the rotational frequency splitting of the solar five-minute oscillations from magneto-optical filter observations.*”, 1988ESASP.286..141T [ADS](#)
- Korzennik, S. G., Cacciani, A., Rhodes, Edward J., J., Tomczyk, S., & Ulrich, R. K., “*Inversion of the solar rotation rate versus depth and latitude.*”, 1988ESASP.286..117K [ADS](#)
- Rhodes, Edward J., J., Cacciani, A., & Korzennik, S. G., “*Initial high-degree p-mode frequency splittings from the 1988 Mt. Wilson 60-foot tower solar oscillation program.*”, 1988ESASP.286..81R [ADS](#)
- Rhodes, Edward J., J., Cacciani, A., Korzennik, S. G., et al., “*Radial and latitudinal gradients in the solar internal angular velocity.*”, 1988ESASP.286..73R [ADS](#)
- Andersen, B., Domingo, V., Jiménez, A., et al., “*Diurnal photometric conditions at Teide observatory and long-term solar irradiance variations*”, 1988SoPh..116..391A [ADS](#)
- Rhodes, Edward J., J., Woodard, M. F., Cacciani, A., et al., “*On the Constancy of Intermediate-Degree p-Mode Frequencies during the Declining Phase of Solar Cycle 21*”, 1988ApJ...326..479R [ADS](#)
- Jimenez, A., Pallé, P. L., Perez-Hernandez, F., et al., “*Earthbased Observations of Solar Luminosity Oscillations*”, 1988IAUS..123..71J [ADS](#)
- Rhodes, E. J., J., Cacciani, A., Woodard, M., et al., “*Measurements of Solar Internal Rotation Obtained with the Mt-Wilson 60-FOOT Solar Tower*”, 1988IAUS..123..41R [ADS](#)
- Rhodes, E. J., J., Woodard, M. F., Cacciani, A., et al., “*Constancy of Intermediate-degree p-Mode Frequencies During the Declining Phase of Solar Cycle 21*”, 1987BAAS...190.933R [ADS](#)
- Woodard, M. F., Rhodes, E. J., J., Tomczyk, S., et al., “*Angular Velocity of the Solar Interior Obtained by an Asymptotic Inversion of P-Mode Frequency Shifts*”, 1987BAAS...19..934W [ADS](#)
- Rhodes, Edward J., J., Cacciani, A., Woodard, M., et al., “*Estimates of the solar internal angular velocity obtained with the Mt. Wilson 60-foot solar tower*”, 1987ASSL..137..75R [ADS](#)
- Jimenez, A., Pallé, P. L., Roca Cortes, T., Domingo, V., & Korzennik, S., “*Ground-based measurements of solar intensity oscillations*”, 1987A&A...172..323J [ADS](#)
- Rhodes, E. J., J., Tomczyk, S., Woodard, M. F., et al., “*Evidence for Radial Gradients in the Solar Internal Rotational Velocity*”, 1986BAAS...18Q1010R [ADS](#)
- Korzennik, S. G., Yaari, A., & Ulrich, R. K., “*Inversion of Perturbed Solar Models for Improved Solar Oscillation Frequencies Agreement*”, 1986BAAS...18..990K [ADS](#)