

Bibliography from ADS file: dsilva.bib

September 14, 2022

- D'Silva, S., "Equivalence between Duvall's Law and the Time-Distance Curve", 2001ApJ...549L.135D [ADS](#)
- D'Silva, S., "Time-Distance Helioseismology at High Frequencies", 2001ApJ...548L.107D [ADS](#)
- D'Silva, S., "A Note on Helioseismic Tomography", 2001ApJ...547L..81D [ADS](#)
- D'Silva, S., "The Meaning of Travel Time in Time-Distance Helioseismology", 1999AAS...194.4206D [ADS](#)
- D'Silva, S., "Dispersion" in Time-Distance Helioseismology, 1998ApJ...499L.211D [ADS](#)
- D'Silva, S., "Computing Travel Time in Time-Distance Helioseismology", 1998ApJ...498L..79D [ADS](#)
- D'Silva, S., "Time-Distance Helioseismology: Challenges in Computing Travel Time", 1998ESASP.418..627D [ADS](#)
- Jefferies, S. M., Osaki, Y., Shibahashi, H., et al., "Sounding the Sun's Chromosphere", 1997ApJ...485L..49J [ADS](#)
- D'Silva, S., Duvall, Thomas L., J., Jefferies, S. M., & Harvey, J. W., "Helioseismic Tomography", 1996ApJ...471.1030D [ADS](#)
- D'Silva, S., "Theoretical Foundations of Time-Distance Helioseismology", 1996ApJ...469..964D [ADS](#)
- D'Silva, S., "Measuring the Solar Internal Rotation Using Time-Distance Helioseismology. I. The Forward Approach", 1996ApJ...462..519D [ADS](#)
- Duvall, T. L., D'Silva, S., Jefferies, S. M., Harvey, J. W., & Schou, J., "Downflows under sunspots detected by helioseismic tomography", 1996Natur.379..235D [ADS](#)
- D'Silva, S., "Flux Retraction and Recycling: Negative Buoyancy-induced Oscillations as an Alternative to Parker's Thermal Relaxation Oscillations", 1995ApJ...448..459D [ADS](#)
- D'Silva, S. & Howard, R. F., "Sunspot Velocity Correlations: Are They Due to Reynolds Stresses or to the Coriolis Force on Rising Flux Tubes?", 1995SoPh..159..63D [ADS](#)
- D'Silva, S., "Brunt-Väisälä Growth Rate and the Radial Emergence of Equipartition Fields", 1995ApJ...443..444D [ADS](#)
- D'Silva, S., "Measuring Local Sub-Surface Flows Using Time-Distance Helioseismology", 1995SPD...26..404D [ADS](#)
- D'Silva, S. & Duvall, Thomas L., J., "Time-Distance Helioseismology in the Vicinity of Sunspots", 1995ApJ...438..454D [ADS](#)
- D'Silva, S., "Acoustic Mode-Mixing in Sunspots", 1995ASPC...76..276D [ADS](#)
- D'Silva, S., "Flux Retraction and Recycling", 1994AAS...185.8608D [ADS](#)
- D'Silva, S., "Acoustic Mode Mixing in Sunspots", 1994ApJ...435..881D [ADS](#)
- D'Silva, S. & Howard, R. F., "Sunspot Rotation and the Field Strengths of Sub-surface Flux Tubes", 1994SoPh..151..213D [ADS](#)
- D'Silva, S. & Chakrabarti, S. K., "Magnetic Activity in Thick Accretion Disks and Associated Observable Phenomena. II. Flux Storage", 1994ApJ...424..149D [ADS](#)
- Chakrabarti, S. K. & D'Silva, S., "Magnetic Activity in Thick Accretion Disks and Associated Observable Phenomena. I. Flux Expulsion", 1994ApJ...424..138C [ADS](#)
- D'Silva, S., "Constraints on magnetic fields that produce sunspots", 1994smf..conf..136D [ADS](#)
- D'Silva, S. & Howard, R. F., "Limits on the Magnetic Field Strength at the Base of the Solar Convection Zone", 1993SoPh..148....1D [ADS](#)
- D'Silva, S., "Limits on magnetic fields that produce sunspots.", 1993BASI...21..371D [ADS](#)
- D'Silva, S. & Choudhuri, A. R., "A theoretical model for tilts of bipolar magnetic regions", 1993A&A...272..621D [ADS](#)
- D'Silva, S., "Can Equipartition Fields Produce the Tilts of Bipolar Magnetic Regions?", 1993ApJ...407..385D [ADS](#)
- D'Silva, S. & Chakrabarti, S. K., "Dynamics of Flux Tubes in Thick Accretion Disks", 1993NYASA.688..726D [ADS](#)
- D'Silva, S., "Can sunspots be produced by equipartition magnetic fields residing at the bottom of the convection zone?", 1992AAS...181.9401D [ADS](#)
- Chakrabarti, S. K. & D'Silva, S., "Dynamics of Magnetic Flux Tubes in Thick Accretion Disks in AGNs and Associated Observational Effects", 1992AAS...181.2905C [ADS](#)
- D'Silva, S., "Joy's Law and Limits on the Magnetic Field Strength at the Bottom of the Convection Zone", 1992ASPC...27..168D [ADS](#)
- D'Silva, S. Z. & Choudhuri, A. R., "The Effect of Kelvin-Helmholtz Instability on Rising Flux Tubes in the Convection Zone", 1991SoPh..136..201D [ADS](#)
- Choudhuri, A. R. & D'Silva, S., "Influence of turbulence on rising flux tubes in the solar convection zone", 1990A&A...239..326C [ADS](#)
- D'Silva, S. & Choudhuri, A. R., "Effect of Turbulence on Emerging Magnetic Flux Tubes in the Convection Zone", 1990IAUS..142..60D [ADS](#)
- Kapahi, V. K., Subrahmanya, C. R., & D'Silva, S., "VLA Observations of an Optically Deep Sample of Molonglo Quasars: Aspect Dependence of the Optical Continuum", 1989IAUS..134..531K [ADS](#)