

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

- Sivaraman, K. R., Sivaraman, H., Gupta, S. S., & Howard, R. F., "Evidence for the return meridional flow in the convection zone from latitude motions of sunspots", 2011IAUS..273..434S ADS
- Sivaraman, K. R., Sivaraman, H., Gupta, S. S., & Howard, R. F., "Return Meridional Flow in the Convection Zone from Latitudinal Motions of Umbrae of Sunspot Groups", 2010SoPh..266..247S ADS
- Sivaraman, K. R., Antia, H. M., & Chitre, S. M., "Are Polar Faculae Generated by a Local Dynamo?", 2010ASSP...19..386S ADS
- Sivaraman, K. R., Sivaraman, H., Gupta, S. S., & Howard, R. F., "Evidence for Return Meridional Flows in the Convection Zone", 2010ASSP...19..357S ADS
- Sivaraman, K. R., Antia, H. M., Chitre, S. M., & Makarova, V. V., "Zonal Velocity Bands and the Solar Activity Cycle", 2008SoPh..251..149S ADS
- Sivaraman, K. R., Gokhale, M. H., Sivaraman, H., Gupta, S. S., & Howard, R. F., "Measurement of Kodaikanal White-Light Images: Relaxation of Tilts of Spot Groups as Indicator of Subsurface Dynamics of Parent Flux Loops", 2007ApJ...657..592S ADS
- Sivaraman, K. R., Gupta, S. S., & Ananth, A. V., "Measurement of Solar Diameter", 2006ihy..workE..25S ADS
- Kariyappa, R. & Sivaraman, K. R., "Variability of CaII K Emission Flux Over the Solar Cycle", 2005BASI...33..365K ADS
- Sivaraman, K. R. & Gokhale, M. H., "Anchor depths of flux elements and depths of flux sources in relation to the two rotation profiles of the sun's surface magnetic fields", 2004SoPh..221..209S ADS
- Sivaraman, K. R., Sivaraman, H., Gupta, S. S., & Howard, R. F., "Measurement of Kodaikanal white-light images - VI. Variation of Rotation Rate with Age of Sunspot Groups", 2003SoPh..214..65S ADS
- Makarov, V. I., Tlatov, A. G., & Sivaraman, K. R., "Duration of Polar Activity Cycles and Their Relation to Sunspot Activity", 2003SoPh..214..41M ADS
- Makarov, V. I., Tlatov, A. G., & Sivaraman, K. R., "When does the polar activity cycle start?", 2003AN...324..382M ADS
- Makarov, V. I., Tlatov, A. G., & Sivaraman, K. R., "Does the Poleward Migration Rate of the Magnetic Fields Depend on the Strength of the Solar Cycle?", 2001SoPh..202...11M ADS
- Makarov, V. I., Tlatov, A. G., Callebaut, D. K., & Sivaraman, K. R., "Poleward migration rate of the magnetic fields and the power of the solar cycle", 2001ESASP.464..115M ADS
- Sivaraman, K. R., Gupta, S. S., Livingston, W. C., et al., "Results from a revisit to the K_{2V} bright points", 2000A&A...363..279S ADS
- Howard, R. F., Sivaraman, K. R., & Gupta, S. S., "MEASUREMENT OF KODAIKANAL WHITE-LIGHT IMAGES - V. Tilt-Angle and Size Variations of Sunspot Groups", 2000SoPh..196..333H ADS
- Sivaraman, K. R., "Results from Kodaikanal Synoptic Observations", 2000JApA...21..149S ADS
- Makarov, V. I., Makarova, V. V., Tlatov, A. G., Callebaut, D. K., & Sivaraman, K. R., "Polar Activity and Magnetic Field Reversal in Current Solar Cycle 23", 2000ESASP.463..367M ADS
- Sivaraman, K. R., Gupta, S. S., & Howard, R. F., "Measurement of Kodaikanal white-light images - IV. Axial Tilt Angles of Sunspot Groups", 1999SoPh..189...69S ADS
- Gupta, S. S., Sivaraman, K. R., & Howard, R. F., "Measurement of Kodaikanal White-Light Images - III. Rotation Rates and Activity Cycle Variations", 1999SoPh..188..225G ADS
- Howard, R. F., Gupta, S. S., & Sivaraman, K. R., "Measurement of Kodaikanal White-Light Images - II. Rotation Comparison and Merging with Mount Wilson Data", 1999SoPh..186...25H ADS
- Sivaraman, K. R., "An Overview of the Results From Synoptic Observations at Kodaikanal", 1998ASPC..140..205S ADS
- Gupta, S. S., Sivaraman, K. R., & Howard, R. F., "Measurement of solar rotation from Kodaikanal images", 1996BASI...24..189G ADS
- Sivaraman, K. R., Gupta, S. S., & Kariyappa, R., "CA II K Line Profile of the Truly Quiet Sun", 1996SoPh..163...93S ADS
- Kariyappa, R., Sivaraman, K. R., & Anandaram, M. N., "Direct Observational Evidence for the Heating of the Solar Chromosphere", 1995JApAS...16..383K ADS
- Sivaraman, K. R., "Solar granulation: an overview of observations", 1995BASI...23..331S ADS
- Kariyappa, R. & Sivaraman, K. R., "Variability of the Solar Chromospheric Network Over the Solar Cycle", 1994SoPh..152..139K ADS
- Kariyappa, R., Sivaraman, K. R., & Anandaram, M. N., "Heating of the Quiet Solar Chromosphere - Part One", 1994SoPh..151..243K ADS
- Sivaraman, K. R., Gupta, S. S., & Kariyappa, R., "What is a quiet sun CaII K line profile?", 1993BASI...21..659S ADS
- Sivaraman, K. R., Gupta, S. S., Kariyappa, R., Aleem, P. S. M., & Sundararaman, K., "Solar variability in the Ca II K line during solar cycles 21 and 22", 1993BASI...21..655S ADS
- Sivaraman, K. R., Gupta, S. S., & Howard, R. F., "Measurement of Kodaikanal White-Light Images - Part One", 1993SoPh..146...27S ADS
- Kariyappa, R., Jayarajan, A. P., Raheem, K. C. A., & Sivaraman, K. R., "A double-pass spectrograph for solar research.", 1993BASI...21..139K ADS
- Sivaraman, K. R., Rausaria, R. R., & Aleem, S. M., "Magnetic Shear in Flaring Regions - Part One", 1992SoPh..138..353S ADS
- Makarov, V. I., Tavastsherna, K. S., Davydova, E. I., & Sivaraman, K. R., "Variations of prominence heights in high latitude global magnetic neutral lines.", 1992BSolD...3...90M ADS
- Sivaraman, K. R. & Makarov, V. I., "Green Coronal Emission and the Global Solar Cycle", 1992ASPC...27..415S ADS
- Sivaraman, K. R., Kariyappa, R., & Gupta, S. S., "Role of small scale dynamical processes in the heating of the solar chromosphere.", 1991BASI...19..207S ADS
- Bagare, S. P. & Sivaraman, K. R., "Observational evidence for mesogranular cells in the solar photosphere.", 1991BASI...19..207B ADS
- Makarov, V. I., Tavastsherna, K. S., Gokhale, M. H., & Sivaraman, K. R., "Behaviour of even and odd l-modes of the solar magnetic field with the phase of the global solar cycle on the basis of H α charts. Interval: 1915 - 1985.", 1991BSolD...6...95M ADS
- Sivaraman, K. R., Prabhu, T. P., Anupama, G. C., et al., "Supernova 1991T in NGC 4527", 1991IAUC.5255...1S ADS
- Iijima, T., Gehrz, R. D., Jones, T. J., et al., "Nova Herculis 1991", 1991IAUC.5236...1I ADS
- Scaria, K. K., Nair, R. M., & Sivaraman, K. R., "Sky conditions for infrared observations at Kavalur", 1991BASI...19...65S ADS
- Sivaraman, K. R., "Solar site testing: techniques and evaluation methods.", 1991Int..work..132S ADS
- Sivaraman, K. R., "The Bright Points in the Ca II K-Line and Their Relation to the Inner Network Magnetic Structures (With 1 Figure)", 1991mcch.conf...44S ADS
- Makarov, V. I. & Sivaraman, K. R., "The Largescale Magnetic Field in the Global Solar Cycle - Observational Aspects", in I. Tuominen, D. Moss, and G. Rüdiger (Eds.), IAU Colloq. 130: The Sun and Cool Stars. Activity, Magnetism, Dynamics, Vol. 380, 213 1991LNP...380..213M ADS
- Sivaraman, K. R., Bagare, S. P., & November, L. J., "On the Location of Footpoints of Sub-Arc Magnetic Structures in the Quiet Solar Photosphere", 1990IAUS..142..192S ADS
- Howard, R. F., Sivaraman, K. R., Gupta, S. S., & Gilman, P. I., "Sunspot Motions from a Study of Kodaikanal and Mount Wilson Observations", 1990IAUS..142..107H ADS
- Sivaraman, K. R., "Largescale Flow Patterns in the Solar Atmosphere", 1990IAUS..142..101S ADS
- Makarov, V. I. & Sivaraman, K. R., "Global Evolution of Photospheric Magnetic Fields", 1990IAUS..138..281M ADS
- Makarov, V. I. & Sivaraman, K. R., "New Results Concerning the Global Solar Cycle", 1989SoPh..123..367M ADS
- Babu, G. S. D., Nathan, J. S., Rajamohan, R., & Sivaraman, K. R., "Narrow band photometry of Comet Halley in the emission bands and the continuum", 1989BASI...17..107B ADS
- Makarov, V. I., Makarova, V. V., & Sivaraman, K. R., "Do polar faculae on the sun predict a sunspot cycle?", 1989SoPh..119...45M ADS
- Makarov, V. I. & Sivaraman, K. R., "Evolution of latitude zonal structure of the large-scale magnetic field in solar cycles", 1989SoPh..119...35M ADS
- McIntosh, P., Snodgrass, H., Mouradian, Z., et al., "SYSTEMATIC OBSERVATIONS OF THE SUN (In honour of Helen Dodson Prince): Observations", 1989HiA....8..672M ADS
- Prasad, C. D., Chandrasekhar, T., Desai, J. N., et al., "High Resolution Studies of [O I] and NH₂ Line Emissions at 6300 Å in Halley's Comet", 1988PASP..100..702P ADS
- Makarov, V. I., Makarova, V. V., Koutchmy, S., & Sivaraman, K. R., "Solar cycle variations of coronal neutral lines and polar regions activity.", 1988sccd.conf..362M ADS
- Sivaraman, K. R., Babu, G. S. D., Shylaja, B. S., & Rajamohan, R., "Spectrophotometry of Comet P/Halley. I - Flux, column density and emission gradients within the coma in the emission bands and the continuum", 1987A&A...187..543S ADS
- Sen, A. K., Joshi, U. C., Deshpande, M. R., Kulshrestha, A. K., & Sivaraman, K. R., "Photopolarimetric Observations of Comet Halley", 1987BASI...15Q..23S ADS
- Shivanandan, K., Scaria, K. K., Sivaraman, K. R., Rajamohan, R., & Nair, R. M., "Infrared Photometer System for Astronomical Observation", 1987BASI...15...45S ADS

- Sivaraman, K. R., Singh, J., Bagare, S. P., & Gupta, S. S., "Chromospheric CA II K-Line Variations in the Sun as a Star over a Solar Cycle", 1987ApJ...313..456S ADS
- Makarov, V. I., Tavastsherna, K. S., & Sivaraman, K. R., "Magnetic neutral lines of the large-scale magnetic field and solar activity.", 1987SvA...30..317M ADS
- Sivaraman, K. R., Bagare, S. P., Gupta, S. S., & Kariyappa, R., "Calibration on the Sun for Stellar Magnetic Fields", in J. L. Linsky and R. E. Stencel (Eds.), Cool Stars, Stellar Systems and the Sun, Vol. 291, 47-50 1987LNP...291..47S ADS
- Makarov, V. I., Makarova, V. V., & Sivaraman, K. R., "'Butterfly' diagram for polar faculae and sunspots during 1940 - 1985.", 1987BSolD1987R...62M ADS
- Sivaraman, K. R., Babu, G. S. D., Shylaja, B. S., & Rajamohan, R., "Spatial distribution of molecules and dust within the coma of Comet Halley", 1986ESASP.250a.479S ADS
- Makarov, V. I. & Sivaraman, K. R., "On the epochs of polarity reversals of the polar magnetic field of the sun during 1870-1982", 1986BASIS...14..163M ADS
- Makarov, V. I., Tavastsherna, K. S., & Sivaraman, K. R., "Magnetic Neutral Lines of the Largescale Magnetic Field and Solar Activity", 1986SvA...30..317M ADS
- Makarov, V. I., Tavastsherna, K. S., & Sivaraman, K. R., "Magnetic neutral lines of the large-scale magnetic field and solar activity", 1986AZh...63..534M ADS
- Sivaraman, K. R. & Kariyappa, R., "K-Line Emission and the Integrated Surface Magnetic Field on the Sun", in M. Zeilik and D. M. Gibson (Eds.), Cool Stars, Stellar Systems and the Sun, Vol. 254, 496 1986LNP...254..496S ADS
- Makarov, V. I. & Sivaraman, K. R., "Atlas of H-alpha synoptic charts for solar cycle 19 (1955 - 1964). Carrington solar rotations 1355 to 1486.", 1986KodOB...7.....M ADS
- Sivaraman, K. R., "Ca II K emission from the solar chromosphere.", 1986KodOB...6...11S ADS
- Babu, G. S. D., Shylaja, & Sivaraman, K. R., "Observations of comet Crommelin.", 1986IHWN...8...25B ADS
- Makarov, V. I. & Sivaraman, K. R., "On the latitudinal migration of polar faculae in their activity cycle. II. Period: 1940 - 1968.", 1986BSolD1986...64M ADS
- Makarov, V. I. & Sivaraman, K. R., "On the Latitudinal Migration of Polar Faculae in Their Activity Cycle - Part Two - 1940-1968", 1986BSolD...9...64M ADS
- Sivaraman, K. R., Singh, J., Kapoor, R. C., & Kariyappa, R., "Broad band photometry of the solar corona of 1983, June 11.", 1985KodOB...5...31S ADS
- Sivaraman, K. R., Singh, J., Bagare, S. P., & Gupta, S. S., "Luminosity variations in the Ca II K lines and the solar cycle.", 1985BASIS...13Q..79S ADS
- Sivaraman, K. R., "Ca II K bright points and the solar cycle", 1984SoPh...94..235S ADS
- Sivaraman, K. R., Jayachandran, M., Scaria, K. K., et al., "Brightness, polarization and electron density of the solar corona of 1980 February 16", 1984JApA...5...149S ADS
- Chandrasekhar, T., Ashok, N. M., Desai, J. N., Pasachoff, J. M., & Sivaraman, K. R., "Fabry-Perot interferometric observations of the coronal red and greenlines during the 1983 Indonesian eclipse.", 1984ApOpt...23..508C ADS
- Sivaraman, K. R., "Fine structures in the interior of the chromospheric network", 1984stp...conf..459S ADS
- Sivaraman, K. R., Raju, P. K., Bhattacharyya, J. C., & Howard, R.: 1984, Magnetic field - plasma interaction on the Sun. Proceedings of a colloquium held at Kodaikanal on January 23, 1984 in commemoration of the 75th anniversary of the discovery of the Evershed effect., Vol. 4 1984mafi.book.....S ADS
- Sivaraman, K. R., "Observations of the Evershed Effect - Past and Present", 1984KodOB...4...11S ADS
- Singh, J. & Sivaraman, K. R., "[Fe XIV] 5303 Å emission line profiles of the total solar eclipse of 1983 June 11.", 1984BASIS...12R..78S ADS
- Sivaraman, K. R. & Raju, P. K., "The EUV Structure of a Solar Active Region", 1983ICRC...4..222S ADS
- Bagare, S. P. & Sivaraman, K. R., "Solar Flare of April 14, 1982", 1983ICRC...4...20B ADS
- Makarov, V. I. & Sivaraman, K. R., "Poleward Migration of the Magnetic Neutral Line and the Reversal of the Polar Fields on the Sun - Part Two - Period 1904-1940", 1983SoPh...85..227M ADS
- Makarov, V. I., Fatianov, M. P., & Sivaraman, K. R., "Poleward Migration of the Magnetic Neutral Line and the Reversal of the Polar Fields on the Sun - Part One - Period 1945-1981", 1983SoPh...85..215M ADS
- Makarov, V. I., Stoianova, M. N., & Sivaraman, K. R., "Morphology of H-alpha filaments and filament channel systems", 1982JApA...3..379M ADS
- Sivaraman, K. R. & Livingston, W. C., "Ca ii K_{2V} spectral features and their relation to small-scale photospheric magnetic fields", 1982SoPh...80..227S ADS
- Gokhale, M. H. & Sivaraman, K. R., "Phase Difference Between Two Components of the Solar Cycle", 1982BASIS...10..154G ADS
- Krishan, V. & Sivaraman, K. R., "Peculiarities in the ionic tail of Comet Ikeya-Seki (1965 f)", 1982M&P...26..209K ADS
- Sivaraman, K. R., "K_{2V}/K_{2R} asymmetries in the sun and stars", 1982ApJ...254..814S ADS
- Gokhale, M. H. & Sivaraman, K. R., "The two components in the distribution of sunspot groups with respect to their maximum areas", 1981JApA...2..365G ADS
- Gokhale, M. H. & Sivaraman, K. R., "The two component nature of the size-distribution of sunspot-groups in a solar cycle.", 1981BASIS...9...86G ADS
- Sivaraman, K. R., Jayachandran, M., & Babu, G. S. D., "Polarisation of the solar corona of 1980 February 16.", 1981BASIS...9...70S ADS
- Bappu, M. K. V., Parthasarathy, M., Sivaraman, K. R., & Babu, G. S. D., "Emission band and continuum photometry of Comet West [1975n]. II Emission profiles of the neutral coma, lifetimes of molecules and distribution of the molecules and dust within the coma", 1980MNRAS.192..641B ADS
- Sivaraman, K. R., "Preliminary Report of Solar Eclipse Observations", 1980BASIS...8...93S ADS
- Sivaraman, K. R., Babu, G. S. D., Bappu, M. K. V., & Parthasarathy, M., "Emission band and continuum photometry of Comet West [1975n]. I - Helio-centric dependence of the flux in the emission bands and the continuum", 1979MNRAS.189..897S ADS
- Gokhale, M. H. & Sivaraman, K. R., "Possible amount of Magnetic Flux Reconnection Through Quiescent Prominences Outside the Active Regions.", 1979phsp.co11..189G ADS
- Babu, G. S. D., Bappu, M. K. V., Parthasarathy, M., & Sivaraman, K. R., "Emission band and continuum photometry of comet West (1975n).", 1978BASIS...6R..51B ADS
- Bappu, M. K. V. & Sivaraman, K. R., "K emission line widths in the Sun and the stars.", 1977MNRAS.178..279B ADS
- Sivaraman, K. R. & Venkitachalam, P. P., "Intensity Fluctuations in the Solar Chromosphere", 1977KodOB...2...34S ADS
- Parthasarathy, M. & Sivaraman, K. R., "Emission band photometry of comet West (1975n).", 1976BASIS...4...80P ADS
- Sivaraman, K. R. & Venkitachalam, P. P., "Time evolution studies of the fine structure of the solar chromosphere.", 1975BASIS...3R..27S ADS
- Sivaraman, K. R. & Venkitachalam, P. P., "Centre-limb observations of the intensity fluctuations in the Balmer lines in the solar atmosphere.", 1975BASIS...3Q..27S ADS
- Sivaraman, K. R., "An interpretation of the correlation of the intensity fluctuations in the K-line of Ca II and b₁ of Mg I", 1974BASIS...2...40S ADS
- Sivaraman, K. R., "An Interpretation of the Correlation in the Intensity Fluctuations in H and K of Ca II and b₁ of Mg I", 1974SoPh...36...49S ADS
- Bappu, M. K. V., Parthasarathy, M., & Sivaraman, K. R., "Sodium emission in comet Kohoutek (1973f).", 1974BASIS...2R..35B ADS
- Sivaraman, K. R., "Observational Study of the Five-Minute Oscillations in the Solar Atmosphere - I. Oscillatory Velocity and Intensity Fields", 1973SoPh...33..319S ADS
- Bappu, M. K. V., Bhattacharyya, J. C., & Sivaraman, K. R., "Photometry of the solar corona of March 7, 1970.", 1973Prana...1..117B ADS
- Bappu, M. K. V., Parthasarathy, M., Sivaraman, K. R., et al., "Comet Kohoutek (1973f).", 1973IAUC.2608...1B ADS
- Sivaraman, K. R., "Comets.", 1973BASIS...1...35S ADS
- Sivaraman, K. R., "The Indian Institute of Astrophysics", 1973BASIS...1...4S ADS
- Bappu, M. K. V., Bhattacharyya, J. C., & Sivaraman, K. R., "On Emission Lines of Hydrogen, Helium and Ionized Calcium Seen on a Coronal Spectrogram of the March 7, 1970 Eclipse", 1972SoPh...26..366B ADS
- Bappu, M. K. V. & Sivaraman, K. R., "K Emission-Line Widths and the Solar Chromosphere", 1971SoPh...17..316B ADS
- Bappu, M. K. V. & Sivaraman, K. R., "Some characteristics of the solar wind inferred from the study of sodium emission from cometary nuclei", 1969SoPh...10..496B ADS
- Sivaraman, K. R., "On the Relation between Sunspot Area Changes and Flare Occurrences", 1969SoPh...6...152S ADS
- Kubicela, A. & Sivaraman, K. R., "A Doppler comparator for solar spectra.", 1969KodOB.189.....K ADS
- Bappu, M. K. V. & Sivaraman, K. R., "Comet Ikeya-Seki (1965) and the nature of the interplanetary medium during its apparition.", 1969KodOB.187.....B ADS
- Bappu, M. K. V. & Sivaraman, K. R., "Chromospheric Heights in Active Regions", 1968IAUS...35..247B ADS

- Bappu, M. K. V. & Sivaraman, K. R., “*Emission band photometry of comet Ikeya-Seki (1965f)*”, 1967MNRAS.137..151B [ADS](#)
- Bappu, M. K. V., Sivaraman, K. R., Bhatnagar, A., & Natarajan, V., “*Monochromatic polarization measures of comet Ikeya-Seki (1965f)*”, 1967MNRAS.136...19B [ADS](#)
- Raja Rao, K. S. & Sivaraman, K. S., “*Lunar Geomagnetic Tides at Kodaikanal*”, 1958JGR....63..727R [ADS](#)