

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

- Firstova, N. M. & Polyakov, V. I., "Structure and physical conditions in the  $H\alpha$  loops of an M7.7 solar flare", 2017AstL...43..768F ADS
- Firstova, N. M., "Connection between the appearance of  $\gamma$ -ray sources and  $H\alpha$  line impact linear polarization in the July 23, 2002 flare", 2015AstL...41..593F ADS
- Firstova, N. M., Polyakov, V. I., & Firstova, A. V., "Observation of  $H\alpha$  line impact polarization in solar flares", 2014AstL...40..449F ADS
- Firstova, N. M., Polyakov, V. I., & Firstova, A. V., " $H\alpha$  Line Impact Linear Polarization Observed in the 23 July 2002 Flare with the Large Solar Vacuum Telescope (LSVT)", 2012SoPh..279..453F ADS
- Firstova, N. M. & Polyakov, V. I., "Observing solar phenomena with the large solar vacuum telescope", 2011Ge&Ae..51..888F ADS
- Firstova, N. M., Polyakov, V. I., Skomorovsky, V. I., & Grigoriev, V. M., "Studying instrumental linear polarization at the Large Solar Vacuum Telescope (LSVT)", 2009Ge&Ae..49..927F ADS
- Firstova, N. M., Polyakov, V. I., & Firstova, A. V., "Impact Linear Polarization on Impulsive Phase of Proton Flare Observations with High Spatial Resolution", 2009ASPC..405..131F ADS
- Firstova, N. M., Polyakov, V. I., & Firstova, A. V., "Impact Linear Polarization of the  $H\alpha$  Line Observed in a Proton Flare with the Irkutsk Large Solar Vacuum Telescope", 2008SoPh..249..53F ADS
- Firstova, N. M., Xu, Z., & Fang, C., " $H\alpha$  Line Polarization in the Major Flare of 2002 July 23. I. Observations and Data Analysis", 2003ApJ...595L.131F ADS
- Xu, Z., Firstova, N. M., Chen, Q.-R., & Fang, C., " $H\alpha$  Line Polarization in the 2B/X4.8 Flare of 2002 July 23", 2003ChJAA...3..266X ADS
- Kotrč, P., Firstova, N. M., Kashapova, L. K., & Kupryakov, Y. A., "Measurement and processing of linear polarization in solar flares - a comparison of two methods", 2002ESASP.506..947K ADS
- Firstova, N. M. & Kashapova, L. K., "Observation of the linear polarization in the flare with a powerful surge", 2002A&A...388L..17F ADS
- Firstova, N. M. & Kashapova, L. K., "The results of spectropolarimetric observations of solar flares followed by surge", 2002ESASP.477..103F ADS
- Skomorovsky, V. I., Firstova, N. M., Kashapova, L. K., Kushtal, G. I., & Boulatov, A. V., "Investigation of He I 10 830 Å 'Dark Points' at the Sayan Solar Observatory and the Baikal Astrophysical Observatory", 2001SoPh..199..375 ADS
- Skomorovsky, V. I., Firstova, N. M., Kashapova, L. K., Firstova, A. V., & Kushtal, G. I., "The Today's Investigations on Large Solar Vacuum Telescope", 2001AGM...18.P221S ADS
- Antoshkin, L. V., Borovik, A. B., Botygina, N. N., et al., "First-order adaptive system for correction of images in solar ground-based telescopes", 2000SPIE.4007..232A ADS
- Firstova, N. M., Boulatov, A. V., & Kashapova, L. K., "The linear polarization in moustaches", 1999ASSL..243..451F ADS
- Kazantsev, S. A., Firstova, N. M., Kashapova, L. K., Bulatov, A. V., & Petrashen', A. G., "A spectropolarimetric study of the  $H\alpha$  radiation from Ellerman bombs.", 1998RuPhJ..41.1258K ADS
- Kazantsev, S. A., Firstova, N. M., Petrashen', A. G., & Henoux, J. C., "Spectropolarimetric studies of  $H\alpha$  emission in "solar moustaches": Energy of the excited electron beam", 1998ARep...42..707K ADS
- Kazantsev, S. A., Firstova, N. M., Kashapova, L. K., et al., "Spectropolarimetric studies of  $H\alpha$  emission in "solar moustaches": Observations and calculation of the Stokes parameters", 1998ARep...42..702K ADS
- Firstova, N. M., Hénoux, J. C., Kazantsev, S. A., & Bulatov, A. V., "Spectropolarimetric Sensing of Energy Deposition Into the Chromosphere during Solar Flares - I. Observations", 1997SoPh..171..123F ADS
- Kazantsev, S. A., Petrashen', A. G., Firstova, N. M., & Henoux, J. C., "Spectropolarimetry of solar flare based on measurements of the  $H\beta$  hydrogen line", 1996OptSp..80..635K ADS
- Kazantsev, S. A., Petrashen', A. G., Firstova, N. M., & Enu, Z. K., "Determination of energy transfer to the chromospheric region of solar flare on the basis of spectropolarimetric data on hydrogen lines", 1996OptSp..80..532K ADS
- Firstova, N. M. & Boulatov, A. V., "Characteristics of the Linear Polarization Observed in the 16 May 1991 Solar Flare", 1996SoPh..164..361F ADS
- Skomorovsky, V. I. & Firstova, N. M., "The Large Solar Vacuum Telescope: the Optical System, and First Spectral Observations", 1996SoPh..163..209S ADS
- Kazantsev, S. A., Firstova, N. M., Petrashen', A. G., Henoux, J. C., & Bulatov, A. V., "Determination of the energy of the proton beam formed in a solar flare on the basis of spectropolarimetric data", 1995OptSp..78..655K ADS
- Kazantsev, S. A., Petrashen, A. G., Firstova, N. M., & Hénoux, J. C., "Spectropolarimetric determination of the energy contribution to the optically active region of the chromosphere", 1993OptSp..75..382K ADS
- Kazantsev, S. A., Firstova, N. M., Gubin, A. V., & Lankevich, N. A., "Possibilities of spectropolarimetrically studying eruptive formations in the solar atmosphere", 1991OptSp..70..580K ADS
- Firstova, N. M., "Observational aspects of the study of plasma turbulence in solar flares.", 1990JQSRT..44..177F ADS
- Firstova, N. M., Heinzel, P., & Kotrc, P., "On the Presence of High-frequency Turbulent Electric Fields in the August 7, 1960 Flare", 1990BAICz..41..88F ADS
- Firstova, N. M. & Kotrc, P., "A Search for a Plasma Turbulence in the Flare of September 15, 1981, 00:09 UT", 1987BAICz..38..257F ADS
- Firstova, N. M., "Observational aspects in investigating the plasma turbulence in solarflares.", 1986psf.conf..65F ADS
- Firstova, N. M., "An Investigation of the Linear Polarization in Emission Features of Active Regions", 1986SoPh..103..11F ADS
- Firstova, N. M., "An evaluation of the possibility of studying flare plasma turbulence using the satellites of He i line forbidden components", 1984SoPh..90..269F ADS
- Firstova, N. M., "Review of Observational Techniques and Data on Turbulent Electric Fields in Solar Flares", 1984IGAFA..68..31F ADS
- Firstova, N. M., "The Evaluation of the Possible Investigation of Flare Plasma Turbulence Using Satellites of Forbidden Components of the He I Lines", 1983IGAFA..65..194F ADS
- Firstova, N. M., "Ratio of Maximum Intensities of CAII H and K Lines in Umbral Flashes", 1980SvA...24..384F ADS
- Firstova, N. M., "Ratio of maximum intensities of CA II H and K lines in umbral flashes", 1980AZh...57..666F ADS
- Firstova, N. M., "Concerning the Big Solar Vacuum Telescope Spectrograph Scheme Choosing", 1980IGAFA..52..122F ADS
- Teplitskaya, R. B., Turova, I. P., & Firstova, N. M., "Oscillations regime in the chromosphere above a large sunspot umbra.", 1979IGAFA..49..21T ADS
- Firstova, N. M. & Turova, I. P., "Variation of sunspot umbra sizes with height.", 1979IGAFA..45..49F ADS
- Firstova, N. M., "Bright emission in H and K Ca II lines in a sunspot umbra.", 1978BSolD1978...77F ADS
- Teplitskaia, R. B. & Firstova, N. M., "Shapes and centre-to-limb variation of the H and K lines in sunspot umbrae.", 1976SoPh..48..103T ADS
- Teplitskaya, R. B. & Firstova, N. M., "The shape of the H and K Ca II line profiles in the spectra of sunspot umbrae and its center-to-limb variation.", 1976fsp.conf...84T ADS
- Firstova, N. M. & Kuklin, G. V., "Extraction of scattered light on sunspot spectrograms obtained by means of a Wollaston prism.", 1973BSolD1973...94F ADS
- Firstova, N. M., "Dependence of temperature on the magnetic field intensity in the region of a sunspot.", 1973BSolD1973...91F ADS