

**Bibliography from ADS file: kurochka.bib**  
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- Kurochka, L. N. & Loboda, V. I., "Non-Gaussian Doppler profiles of spectral lines at the Maxwellian velocity distribution", 2001KFNT...17...478K ADS
- Kurochka, L. N., Belkina, I. L., Beletskij, S. A., Korokhin, V. V., & Marchenko, G. P., "CCD observations of the Sun at the Balmer and Paschen continua.", 1999A&AT...18...265K ADS
- Kurochka, L. N., Matsuura, O. T., Picazzio, E., et al., "Subtelescopic structure of the solar corona at observation in Thomson and Balmer continuum.", 1998IBUAA...12...34K ADS
- Kurochka, L. N., Belkina, I. L., Beletskij, S. A., Korokhin, V. V., & Marchenko, G. P., "Observations and analysis of emission from solar active regions at the edge of the Balmer continuum", 1997AZh...74...460K ADS
- Kurochka, L. N., Belkina, I. L., Beletskij, S. A., Korokhin, V. V., & Marchenko, G. P., "Observations and analysis of emission from solar active regions at the edge of the Balmer continuum", 1997ARep...41...404K ADS
- Kurochka, L. N., Matsuura, O. T., & Picazzio, E., "Subtelescopic Inhomogeneities of Electron Density in The Solar Corona", 1997SoPh...170...227K ADS
- Kryachko, I. P., Kurochka, L. N., & Tel'Nyuk-Adamchuk, V. V., "Objectives of a Ukrainian solar-oriented satellite.", 1997ASIC...494...233K ADS
- Kryachko, I. P., Kurochka, L. N., & Tel'Nyuk-Adamchuk, V. V., "A possibility for studying subtelescopic structures in the solar corona.", 1997ASIC...494...177K ADS
- Picazzio, E., Matsuura, O. T., Kurochka, L. N., & Fogliano, F. I., "Reobservation of Subtelescopic Coronal Condensation in the Solar Eclipse of February 26, 1998", 1996RoAJ...6...103P ADS
- Kurochka, L. N., "The Balmer Jump in Astrophysical Hydrogen Plasmas", 1995SoPh...156...65K ADS
- Kurochka, L. N., Kriachko, I. P., & Markova, E., "On the Recording of Regions with Increased Plasma Density on the Sun", 1992SoPh...139...275K ADS
- Zirker, J. B., Koutchmy, S., Nitschelm, C., et al., "Structural changes in the solar corona during the July 1991 eclipse", 1992A&A...258L...1Z ADS
- Dzyubenko, N. I., Kurochka, L. N., & Tel'Nyuk-Adamchuk, V. V., "The Kiev University expedition for observing the solar eclipse of July 11, 1991.", 1992VisKi...6...100D ADS
- Dzyubenko, N. I., Kurochka, L. N., Rubo, G. A., et al., "The solar corona of July 11, 1991. Observations in Brazil (MICE).", 1992ATsIr1552...21D ADS
- Kurochka, L. N., "Registration of macro- and micro-inhomogeneities of plasma density in astrophysical objects.", 1991KPCB...7d...25K ADS
- Kurochka, L. N., "Registration of macro- and micro-inhomogeneities of plasma density in astrophysical objects.", 1991KFNT...7...31K ADS
- Kurochka, L. N. & Kiryukhina, A. I., "Microinhomogeneities and Macroinhomogeneities of Density in a Quiescent Prominence", in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 238 1990LNP...363...238K ADS
- Kurt, V. G., Kurochka, L. N., & Zenchenko, V. M., "Radiation from solar flares in the X-ray and optical ranges of the spectrum.", 1989CosRe...27...358K ADS
- Kurt, V., Kurochka, L. N., & Zenchenko, V. M., "Investigations of solar flares in the X-ray and optical spectral regions.", 1989KosIs...27...425K ADS
- Venglinskij, E. R., Zemanek, E. N., & Kurochka, L. N., "The radiative energy of active regions on the Sun.", 1989VeKie...31...39V ADS
- Shaab, M. V., Gladushina, N. A., & Kurochka, L. N., "Analysis of the optical spectrum of a solar flare taking structural inhomogeneities into account.", 1989VeKie...31...30S ADS
- Kurochka, L. N. & Kiryukhina, A. I., "Flare Processes in a Quiescent Prominence", 1989SvAL...15...36K ADS
- Kurochka, L. N. & Kiryukhina, A. I., "Flare processes in a quiet prominence", 1989PAZh...15...82K ADS
- Venglinsky, E. R., Kurochka, L. N., & Rossada, V. M., "The Height of Location of Optical Solar Flares", 1989BSolD...12...85V ADS
- Kurochka, L. N., Lozitskaya, N. I., Lozitskij, V. G., & Nagulin, Y. S., "Simultaneous observations of the solar spectrum in the infrared and visible regions with a new echelle spectrograph.", 1988VeKie...30...46K ADS
- Drake, N. A. & Kurochka, L. N., "On a possibility of observing the 1990 July 22 solar eclipse in Taimyr and Indegirka.", 1988ATsIr1532...8D ADS
- Kurochka, L. N., Lozitskij, V. G., & Palus, P., "Radiation energy estimation and analysis of optical solar flares observed in 1978.", 1987KFNT...3...46K ADS
- Kurochka, L. N., "Energy Distribution of 15000 Solar Flares", 1987SvA...31...231K ADS
- Kurochka, L. N., "Energy distribution of 15, 000 solar flares", 1987AZh...64...443K ADS
- Lozitskij, V. G., Lozitskaya, N. I., & Kurochka, L. N., "Magnetic field inhomogeneity in the solar flare of 25. VII. 1981.", 1987VeKie...29...33L ADS
- Lozitskij, V. G., Kurochka, L. N., & Lozitskaya, N. I., "Variability of the sign of the altitude gradient of the magnetic field in the solar flare of July 25, 1981.", 1987SvA...30...484L ADS
- Zenchenko, V. M., D'Yachkov, A. V., Kurochka, L. N., Kurt, V. G., & Yurovitskaya, E. V., "Comparison of the total energy release in the optical and hard X-ray ranges of solar flares (Catalog).", 1987BSolD1987...48Z ADS
- Lozitskij, V. G., Kurochka, L. N., & Lozitskaya, N. I., "Variability of the Sign of the Altitude Gradient of the Magnetic Field in the Solar Flare of 1981JUL25", 1986SvA...30...484L ADS
- Lozitskij, V. G., Kurochka, L. N., & Lozitskaya, N. I., "Variability of the sign of the altitude gradient of the magnetic field in the solar flare of July 25, 1981", 1986AZh...63...814L ADS
- Kurochka, L. N., "Energy distribution of 10,000 solar flares observed in 1979.", 1986VeKie...28...17K ADS
- Lozitskij, V. G., Lozitskaya, N. I., Kurochka, L. N., & Vapulik, B., "Heterogeneity in magnetic field of the solar flare on June 25, 1981", 1986CoSka...15...273L ADS
- Kurochka, L. N., "Methods and results of an investigation of spectra of optical solar flares.", 1984VeKie...26...33K ADS
- Kurochka, L. N. & Pogodin, I. E., "On a statistical connection of radiation energy of solar flares in the optical and radio range.", 1983soac.conf...48K ADS
- Kurochka, L. N., "Physical conditions and peculiarities of the subtelescopic structure of flares.", 1982cis.conf...160K ADS
- Kurochka, L. N. & Stasyuk, L. A., "Emission energy of optical solar flares. I.", 1981BSolD1981...83K ADS
- Kurochka, L. N. & Rossada, V. M., "Energy of optical solar flares. II. III.", 1981BSolD1981...78K ADS
- Kurochka, L. N. & Rossada, V. M., "The Energy of Optical Flares Radiation - Part Three", 1981BSolD...7...95K ADS
- Kurochka, L. N. & Rossada, V. M., "The Energy of Optical Solar Flares - Part Two", 1981BSolD...6...78K ADS
- Kurochka, L. N. & Stasyuk, L. A., "The Energy of Optical Solar Flares - Part One", 1981BSolD...5...83K ADS
- Kurochka, E. V., Kurochka, L. N., Lozitskij, V. G., et al., "Horizontal solar telescope of the Kiev University Astronomical Observatory.", 1980VeKie...22...48K ADS
- Ostapenko, V. A. & Kurochka, L. N., "Weakening of photospheric emission when passing through chromospheric flares. II.", 1979BSolD1979...870 ADS
- Kurochka, L. N., Kurochka, E. V., & Ostapenko, V. A., "Electron temperature and temperature of L $\alpha$  emission in solar features.", 1979BSolD1978...94K ADS
- Kurochka, L. N. & Ostapenko, V. A., "Results of a determination of the physical conditions in different solar flares. I.", 1979BSolD1978...77K ADS
- Kurochka, L. N. & Ostapenko, V. A., "Weakening of photospheric emission at the transit through chromospheric flares. I.", 1979BSolD1978...68K ADS
- Ostapenko, V. A. & Kurochka, L. N., "The Weakening of the Photospheric Emission after Going Through the Solar Flares - Part Two", 1979BSolD...6...870 ADS
- Kurochka, L. N. & Rybko, L. B., "Blurring of lines at the limit of the hydrogen series", 1979Ap...15...93K ADS
- Kurochka, L. N. & Rybko, L. B., "Blurring of lines at the limit of the hydrogen series.", 1979Afz...15...155K ADS
- Kurochka, L. N. & Telniuk-Adamchuk, V. V., "Calculation of line profiles of inhomogeneous solar formations.", 1978SoPh...59...11K ADS
- Kurochka, L. N. & Ribko, L. B., "The last observable line in hydrogen emission spectrum.", 1978SoPh...57...319K ADS
- Kurochka, L. N. & Ostapenko, V. A., "Physical conditions in chromospheric flares of mean importance.", 1978VeKie...20...140 ADS
- Kurochka, L. N. & Ostapenko, V. A., "Physical conditions in large solar flares. II. Results of calculation.", 1978BSolD1978...82K ADS
- Kurochka, L. N. & Ostapenko, V. A., "Physical conditions in large solar flares. I. A calculation method.", 1978BSolD1978...67K ADS
- Kurochka, L. N. & Ostapenko, V. A., "Optical Thicknesses and Degree of Ionization of Hydrogen in Chromospheric Flares of Various Importances", 1978BAICz...29...82K ADS
- Kurochka, L. N., "On the number of lines observed in the hydrogen spectrum.", 1977BSolD1977...90K ADS
- Kurochka, L. N., "Main parameters for optically flares of different importance. I.", 1977BSolD1977...53K ADS
- Kurochka, L. N. & Telniuk-Adamchuk, V. V., "Line profiles of inhomogeneous solar phenomena with different porosity.", 1977AAfz...33...41K ADS
- Kurochka, L. N. & Sitnik, G. F., "Why few lines of the Balmer series are observed in flares on the disk", 1976SvA...19...590K ADS

Kurochka, L. N. & Ostapenko, V. A., "Emission line profiles of inhomogeneous solar formations.", 1976opa.confQ.11K [ADS](#)

Kurochka, L. N., Ostapenko, A. V., Sugai, S. P., & Palus, P., "Contours of Emission Lines of Inhomogeneous Solar Formations", 1976BAICz.27.346K [ADS](#)

Kurochka, L. N. & Sitnik, G. F., "Why few lines of the Balmer series are observed in flares on the disk?", 1975AZh.52.975K [ADS](#)

Kurochka, L. N., "The last resolvable line in the hydrogen spectrum", 1975SvA.18.526K [ADS](#)

Kurochka, L. N., Kurochka, E. V., & Ostapenko, V. A., "The radiant energy and structure of chromospheric flares.", 1975VeKie.17.25K [ADS](#)

Kurochka, L. N., Kurochka, E. V., & Ostapenko, V. A., "Calculation of the radiant energy of chromospheric flares.", 1975VeKie.17.12K [ADS](#)

Kurochka, L. N. & Ostapenko, V. A., "Estimate of inhomogeneities of objects in calculating the emission line profiles.", 1975BSolD1975.96K [ADS](#)

Rossada, V. M. & Kurochka, L. N., "On the character of flare energy release on short-lived sunspot groups.", 1975BSolD1975.85R [ADS](#)

Kurochka, L. N., Kurochka, E. V., & Ostapenko, V. A., "Radiation of Chromospheric Flares in Hydrogen Lines", 1975BAICz.26.23K [ADS](#)

Kurochka, L. N., "The last resolvable line in the hydrogen spectrum", 1974SvA.18.526K [ADS](#)

Kurochka, L. N., "The last resolvable line in the hydrogen spectrum", 1974AZh.51.892K [ADS](#)

Křivský, L. & Kurochka, L. N., "On Lyman's Emission of Solar Flares", 1974BAICz.25.52K [ADS](#)

Kurochka, E. V. & Kurochka, L. N., "The emission of chromospheric flares in the ultraviolet and infrared spectral regions.", 1973VeKie.15.10K [ADS](#)

Kurochka, L. N., "Saha's Equation under Deviation from Thermodynamic Equilibrium", 1973BAICz.24.210K [ADS](#)

Kurochka, E. V. & Kurochka, L. N., "On the Populations of Quantum Levels of Hydrogen Atoms in Chromospheric Flares", 1973BAICz.24.132K [ADS](#)

Pyaskovskij, D. V., Nesmyanovich, A. T., & Kurochka, L. N., "Observations of the solar eclipse on July 10, 1972 by the expedition of the Kiev Department of the Astronomical and Geodetical Society.", 1973ATsir.756.7P [ADS](#)

Stembkovskaya, T. V. & Kurochka, L. N., "Spectrophotometry and analysis of intensive hydrogen and Ca II lines in the spectrum of 30 chromospheric flares.", 1973AAfz.19.70S [ADS](#)

Kurochka, E., Kurochka, L., & Stembkovskaya, T., "Analysis of the weak chromospheric flare spectrum.", 1971BSolD1971R.87K [ADS](#)

Kurochka, L. N., "Electron Concentration and Structure of Chromospheric Flares.", 1970SvA.14.89K [ADS](#)

Kurochka, L. N., "Electron Concentration and Structure of Chromospheric Flares.", 1970AZh.47.111K [ADS](#)

Kurochka, L. N. & Maslennikova, L. B., "The dependence of the number of the extreme resolved line of Lyman series on electron density.", 1970VeKie.12.25K [ADS](#)

Kurochka, L. N. & Maslennikova, L. B., "Determination of Electron Density in Plasma by the Number of the Extreme Resolved Line", 1970SoPh.11.33K [ADS](#)

Kurochka, L. N. & Ostapenko, V. A., "Spectrophotometric study of the chromospheric flare on September 6, 1957.", 1970BSolD1970.111K [ADS](#)

Kurochka, L. N., "An Analysis of Hydrogen-Line Profiles Broadened by the Stark and Doppler Effects.", 1969SvA.13.64K [ADS](#)

Kurochka, L. N., "An Analysis of Hydrogen-Line Profiles Broadened by the Stark and Doppler Effects.", 1969AZh.46.85K [ADS](#)

Kurochka, L. N., "The last resolved line in the balmer series", 1968Ap.4.240K [ADS](#)

Kurochka, L. N., "The last resolved line of Balmer series.", 1968Afz.4.581K [ADS](#)

Kurochka, L. N., "Stark Broadening of Hydrogen Lines.", 1967SvA.11.290K [ADS](#)

Kurochka, L. N., "Stark Broadening of Hydrogen Lines.", 1967AZh.44.368K [ADS](#)

Kurochka, L. N., "The Doppler effect and the last resolvable line of the Balmer series", 1966Ap.2.67K [ADS](#)

Kurochka, L. N., "Determination of electron density from emission lines of the balmer series", 1965Ap.1.195K [ADS](#)