

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

- Kostogryz, N. M., Witzke, V., Shapiro, A. I., et al., “Stellar limb darkening. A new MPS-ATLAS library for Kepler, TESS, CHEOPS, and PLATO passbands”, 2022arXiv220606641K [ADS](#)
- Rackham, B. V., Espinoza, N., Berdyugina, S. V., et al., “Final Report for SAG 21: The Effect of Stellar Contamination on Space-based Transmission Spectroscopy”, 2022arXiv220109905R [ADS](#)
- Kostogryz, N. M., Fournier, D., & Gizon, L., “Modelling continuum intensity perturbations caused by solar acoustic oscillations”, 2021A&A...654A...1K [ADS](#)
- Witzke, V., Shapiro, A. I., Cernetic, M., et al., “MPS-ATLAS: A fast all-in-one code for synthesising stellar spectra”, 2021A&A...653A..65W [ADS](#)
- Kostogryz, N. M., Kupka, F., Piskunov, N., et al., “Accurate Short-Characteristics Radiative Transfer in A Numerical Tool for Astrophysical RE-Search (ANTARES)”, 2021SoPh..296...46K [ADS](#)
- Kupka, F., Fabbian, D., Krüger, D., Kostogryz, N., & Gizon, L., “On long-duration 3D simulations of stellar convection using ANTARES”, 2020IAUGA..30..373K [ADS](#)
- Fabbian, D., Kupka, F., Krüger, D., Kostogryz, N. M., & Piskunov, N., “Shine BRITE: shedding light on stellar variability through advanced models”, 2020svos.conf..155F [ADS](#)
- Haubois, X., Norris, B., Tuthill, P. G., et al., “The inner dust shell of Betelgeuse detected by polarimetric aperture-masking interferometry”, 2019A&A...628A.101H [ADS](#)
- Kostogryz, N., Fournier, D., & Gizon, L., “Modeling observables for local helioseismology”, 2019AAS...23430705K [ADS](#)
- Kostogryz, N. M., Berdyugina, S. V., Yakobchuk, T. M., & Milić, I., “Center-to-Limb Continuum Polarization in Solar and Stellar Atmospheres”, 2019ASPC..526..139K [ADS](#)
- Kostogryz, N. M., Yakobchuk, T. M., Berdyugina, S. V., & Milic, I., “Polarimetry of transiting planets: Differences between plane-parallel and spherical host star atmosphere models”, 2017A&A...601A...6K [ADS](#)
- Kostogryz, N., Berdyugina, S., Gisler, D., & Berkefeld, T., “Haze and cloud distribution in Uranus’ atmosphere based on high-contrast spatially resolved polarization measurements”, 2017EGUGA..1918092K [ADS](#)
- Kostogryz, N. M., Milic, I., Berdyugina, S. V., & Hauschildt, P. H., “Center-to-limb variation of intensity and polarization in continuum spectra of FGK stars for spherical atmospheres”, 2016A&A...586A..87K [ADS](#)
- Kostogryz, N. M., Milic, I., Berdyugina, S. V., & Hauschildt, P. H., “VizieR Online Data Catalog: Center-to-limb polarization of FGK stars (Kostogryz+, 2016)”, 2016yCat..35860087K [ADS](#)
- Vidmachenko, A. P., Delets, O. S., Dlugach, J. M., et al.: 2015, *Investigations on physics of planetary atmospheres and small bodies of the Solar system, extra-solar planets and disk structures around the stars* 2015ippa.book.....V [ADS](#)
- Kostogryz, N. M., Yakobchuk, T. M., & Berdyugina, S. V., “Polarization in Exoplanetary Systems Caused by Transits, Grazing Transits, and Starspots”, 2015ApJ...806...97K [ADS](#)
- Kürster, M., Trifonov, T., Reffert, S., Kostogryz, N. M., & Rodler, F., “Disentangling 2:1 resonant radial velocity orbits from eccentric ones and a case study for HD 27894”, 2015A&A...577A.103K [ADS](#)
- Morozhenko, A., Vidmachenko, A., & Kostogryz, N., “Spectrophotometric properties of Moon’s and Mars’s surfaces exploration by shadow mechanism”, 2015HiA....16..182M [ADS](#)
- Kostogryz, N. M. & Berdyugina, S. V., “Center-to-limb polarization in continuum spectra of F, G, K stars”, 2015A&A...575A..89K [ADS](#)
- Kostogryz, N. M. & Berdyugina, S. V., “VizieR Online Data Catalog: Center-to-limb polarization of FGK stars (Kostogryz+, 2015)”, 2015yCat..35750089K [ADS](#)
- Kostogryz, N. M., Berdyugina, S. V., & Yakobchuk, T. M., “Transit Polarimetry of Exoplanetary System HD 189733”, 2015csss...18..773K [ADS](#)
- Morozhenko, A. V., Vidmachenko, A. P., Nevodovskiy, P. V., & Kostogryz, N. M., “On the efficiency of polarization measurements while studying aerosols in the terrestrial atmosphere”, 2014KPCB...30...11M [ADS](#)
- Kostogryz, N. M., Kürster, M., Yakobchuk, T. M., Lyubchik, Y., & Kuznetsov, M. K., “A spectral differential approach to characterizing low-mass companions to late-type stars”, 2013AN....334..648K [ADS](#)
- Kostogryz, N., Kürster, M., Yakobchuk, T., Lyubchik, Y., & Kuznetsov, M., “A spectral differential characterization of low-mass companions”, 2013EPJWC..4713003K [ADS](#)
- Kostogryz, N. M., “Time variations of aerosol properties in the atmosphere of uranus”, 2013SoSyR..47...24K [ADS](#)
- Kostogryz, N. M., Kürster, M., & Lyubchik, Y., “Stellar activity, difference spectra, and the dynamical masses of M dwarf companions”, 2013MmSAT..84.1047K [ADS](#)
- Frantseva, K., Kostogryz, N. M., & Yakobchuk, T. M., “Simulation of polarimetric effects in planetary system HD 189733”, 2012AASP....2..146F [ADS](#)
- Kostogryz, N. M., Yakobchuk, T. M., & Vidmachenko, A. P., “Polarimetry of Exoplanetary System CoRoT-2”, 2012IAUS..282..209K [ADS](#)
- Vidmachenko, A. P., Ivanov, Y. S., & Kostogryz, N. M., “Spectropolarimetric Observations of Transiting Extrasolar Planetary System HD189733”, 2012LPI...43.1280W [ADS](#)
- Vidmachenko, A., Morozhenko, A., Klyanchin, A., et al., “Asymmetry of reflective properties of the hemispheres of Jupiter satellite Europa”, 2011AstSR...7..133V [ADS](#)
- Kostogryz, N. M., Yakobchuk, T. M., Morozhenko, O. V., & Vid'Machenko, A. P., “Polarimetric study of transiting extrasolar planets”, 2011MNRAS.415..695K [ADS](#)
- Kostogryz, N. M., “Vertical cloud distribution in the Uranian atmosphere”, 2011ysc..conf...77K [ADS](#)
- Pugach, A. F., Medvedskii, M. M., Peretyatko, N. N., et al., “The first experience of solar eclipse observations with a miniature torsion balance”, 2008KPCB...24..253P [ADS](#)
- Kostogryz, N. M., “Study of the Reasons for the Geometric Albedo Variations of Uranus”, 2007ysc..conf...44K [ADS](#)
- Kostogryz, N. M., “Probable causes of long-period variations in the Uranian geometrical albedo”, 2007KPCB...23..214K [ADS](#)
- Kostogryz, N. M., “The possible reason of the optical parameters changing in the Uranus’s atmosphere.”, 2006IAUJD..10E..38K [ADS](#)
- Kostogryz, N. M., “Raman scattering in Uranus’s spectrum with regard to non-isothermal atmosphere”, 2006KFNT...22..254K [ADS](#)
- Kostogryz, N., “Optical parameters of the nonisothermal Uranus’s and Neptune’s atmospheres”, 2006yosc.conf...61K [ADS](#)
- Kostogryz, N., “Determination of the optical parameters of the nonisothermal Uranus atmosphere via Raman scattering.”, 2006epsc.conf....7K [ADS](#)
- Kostogryz, N., “The manifestations of Raman scattering in the non-isothermic Neptune atmosphere”, 2005ysc..conf...73K [ADS](#)
- Morozhenko, O. V. & Kostogryz, N. M., “Some features of formation of details of raman scattering in a non-isothermal atmosphere”, 2005KFNT...21..114M [ADS](#)
- Kostogryz, N. M. & Vidmachenko, A. P., “Appearance of Second Harmonic in the Jupiter Spectrum”, 2004LPI...35.1034K [ADS](#)
- Kostogryz, N., Morozhenko, A., & Vidmachenko, A., “Raman scattering in the Jupiter’s atmosphere and optical properties of atmospheric aerosols”, 2004cosp...35..275K [ADS](#)