

CONTENTS

VOLUME 82

1990

BULLETIN OF THE CRIMEAN ASTROPHYSICAL OBSERVATORY (USSR ACADEMY OF SCIENCES)

	PAGES	
	RUSSIAN/ENGLISH	
A spectroscopic study of β Cep. T. M. Rachkovskaya	3	1
Emission variability in the spectra of some Be stars: ϕ Persei, θ Coronae Borealis, and ψ Persei. T. S. Galkina	14	11
Physical characteristics of Nova 1934 DQ Herculis. E. S. Dmitrienko	27	24
Origin of the short-period light variations for RW Aur. Part 2. Colorimetric and frequency characteristics. P. F. Chugainov and M. N. Lovkaya	36	32
The 36 GHz emission from certain stars. N. S. Nesterov	45	40
Structural features of Seyfert galaxy NGC 7469. L. P. Metik and I. I. Pronik	50	45
Emission variability in the continuum line spectrum for the nucleus of NGC 1275. N. I. Merkulova, L. P. Metik, and I. I. Pronik	61	55
Observations on several extragalactic radio sources at wavelengths of 3-4 mm. N. S. Nseterov, I. I. Zinchenko, A. G. Kislyakov, A. V. Lapinov, and I. G. Moiseev	65	59
Stellar magnetic-field measurement with a double-beam polarimeter fitted with a photoelastic modulator. W. Weiss, V. P. Malanushenko, and N. M. Shakhovskoi	69	63
Neutral Ti line oscillator strengths. D. A. Vakulenko and I. S. Savanov	87	78
Electric currents and magnetic-field loops in solar active regions. V. I. Abramenko, S. I. Gopasyuk, and M. B. Ogor	108	99
Motion along some chromospheric fibrils. L. G. Kartashova	116	107
Convection in magnetic elements outside active solar regions. T. T. Tsap	124	114
Flares above sunspots and magnetic fields. Part 1. A. N. Babin and A. N. Koval	129	119
Solar pulsations: effects due to the 22-year activity cycle? V. A. Kotov, T. T. Tsap, and L. V. Didkovskii	138	127
Short-period variations in the Sun's global magnetic field. M. L. Demidov, V. A. Kotov, and V. M. Grigor'ev	147	135
Does the solar neutrino flux vary? B. M. Vladimirskii and L. D. Kislovskii	153	141
Macroscopic fluctuations, Sun-Earth links, and methodological aspects of exact measurements. B. M. Vladimirskii	161	148
A CAMAC-MERA 60 data-acquisition system applied to solar spectra and maps in the He I 10830 Å line. A. B. Bukach, L. V. Didkovskii, N. N. Stepanyan, G. A. Sunitsa, and Z. A. Shcherbakova	172	158
		(continued)

Total internal reflection phase shifters for astronomical polarimeters.		
A. V. Bruns and O. P. Gollandskii	185	169
A high-aperture mirror-lens optical system. G. M. Popov	189	173
Diary	193	176