

CONTENTS

REVIEWS

- Klochkova V.G. Supergiants with large IR excesses 5
Sil'chenko O.K. Search for chemically decoupled galactic nuclei with the Multi-Pupil Field Spectrograph of the 6 m telescope 30

TO THE 30th ANNIVERSARY OF THE SPECIAL ASTROPHYSICAL OBSERVATORY

- Klochkova V.G., Panchuk V.E. Selected programmes for star spectroscopy at the BTA (1985–1995) 39
Beskin G.M., Komarova V.N., Mitronova S.N., Neizvestny S.I., Plokhotnichenko V.L., Popova M.Yu. Investigation of relativistic and fast variable objects with high time resolution .. 43
Kovalev Yu.A. IKI/ASC at the RATAN-600 in 1979–1996: spectra monitoring and the nature of long-term variability of extragalactic radio sources 50
Larionov M.G. Analysis of radio surveys made on the RATAN-600 with participation of the Sternberg Astronomical Institute 61
Panchuk V.E. 6 m telescope spectroscopy: statistics of techniques and programmes 65

SCIENTIFIC RESEARCHES

- Peterova N.G., Korzhavin A.N. Microwave sources with anomalous polarization and high temperature of complex active regions on the Sun 71
Klochkova V.G., Mishenina T.V. Optical spectroscopy of the infrared source IRAS 09276+4454 83
Afanasiev V.L., Burenkov A.N., Mikhailov V.P., Shapovalova A.I. CCD photometry of nearby Seyfert galaxies in the V, I/R bands. II. Photometry results 87
Kartasheva T.A., Svechnikov M.A. Determination of the internal structure constants of the components of the WR type eclipsing binary CQ Cep 105
Borisov N.V., Neustroev V.V. Modelling emission line profiles of a non-uniform accretion disk 110
Pluzhnik E.A., Balega Yu.Yu., Vasyuk V.A., Maximov A.F. Telescope resolution enhancement through the pupil segmentation 119
Panchuk V.E., Najdenov I.D., Klochkova V.G., Ivanchik A.B., Yermakov S.V., Murzin V.A. On the problem of high spectral resolution observations of faint objects 127

Panchuk V.E., Yermakov S.V., Bondarenko Yu.N. The iodine absorption cell for the BTA Nasmyth-2 focus spectrometers 132

NEWS

- The 6 m telescope Programme Committee. 20 years on duty 133
Conference of the 6 m telescope users, April 21, 1997, SAO RAS 134
Conference of the 6 m telescope users, October 14, 1997, SAO RAS 139
Autumn astronomy school at SAO RAS 144