

Contents of Volume 18 (2009)

Number 1

<i>C. J. Corbally, V. Straižys.</i> Young stars in the Camelopardalis dust and molecular clouds. V. More YSOs confirmed spectroscopically.....	1
<i>V. Straižys, R. Lazauskaitė.</i> Intrinsic color indices and luminosity sequences of stars in the 2MASS two-color diagram	19
<i>K. Zdanavičius, J. Zdanavičius, V. Straižys, M. Maskoliūnas.</i> Photometry and classification of stars around the reflection nebula NGC 7023 in Cepheus. II. Interstellar extinction and cloud distances	33
<i>A. Alksnis, V. M. Larionov, O. Smirnova, A. A. Arkharov, T. S. Konstantinova, L. V. Larionova, V. I. Shenavrin.</i> On the latest deep light decline event of DY Persei	53
<i>A. Barzdis, L. Začs, G. Galazutdinov.</i> High-resolution spectroscopy of the metal-poor star HD 187216	65
<i>U. Munari, P. Ochner, A. Siviero, A. Jones, S. Moretti, S. Tomaselli, S. Dallaporta.</i> Optical evolution of the outburst of the symbiotic nova V4368 Sgr = Wakuda's peculiar star	75
<i>J. Pelt.</i> High frequency limits in periodicity search from irregularly spaced data.....	83
<i>C. M. Graney, H. Sipes.</i> Regarding the potential impact of double star observations on conceptions of the Universe of stars in the early 17th century.....	93

Number 2

<i>C. J. Corbally, V. Straižys, V. Laugalys.</i> Spectral analysis of YSOs and other emission-line stars in the North America and Pelican nebulae region.....	111
<i>V. Straižys, V. Laugalys.</i> Extinctions and distances of dark clouds from UGRIJHK photometry of red clump giants: the North America and Pelican nebulae complex.....	141
<i>K. Zdanavičius, J. Zdanavičius, V. Straižys, M. Maskoliūnas.</i> Photometry and classification of stars in the direction of the dark cloud TGU 619 in Cepheus. I. A catalog of magnitudes, color indices and spectral types of 1304 stars	161

<i>T. V. Mishenina, A. Kučinskas, S. M. Andrievsky, S. A. Korotin, V. Dobrovolskas, A. Ivanauskas, E. Caffau, H-G. Ludwig, M. Steffen, J. Sperauskas, V. G. Klochkova, V. E. Panchuk.</i>	
NLTE abundances of sodium, magnesium and barium in the globular clusters M10 and M71	193
<i>N. D. Caranicas, E. E. Zotos.</i>	
Chaos in a disk galaxy model induced by asymmetries in the dark halo	205

Number 3/4

<i>D. Narbutis, R. Vanagas, V. Vansevicius.</i>	
STARL – a program to correct CCD image defects	219
<i>A. Kučinskas, V. Dobrovolskas, R. Lazauskaitė, T. Tanabé.</i>	
Properties of red giant branches of star clusters in the Magellanic Clouds and their relation with cluster metallicity. II. Mean photometric colors of cluster RGBs	225
<i>M. K. Väänänen, J. Schultz, J. Nevalainen.</i>	
Flare loop sizes in young suns	233
<i>C. M. Graney.</i>	
17th century photometric data in the form of telescopic measurements of the apparent diameters of stars by Johannes Hevelius	253

PROCEEDINGS OF THE INTEGRAL/BART WORKSHOP 2009 2009 March 26–29, Karlovy Vary, Czech Republic

<i>R. Hudec.</i>	
Introduction	267
<i>M. Topinka.</i>	
Introduction to gamma-ray bursts	271
<i>S. Foley, S. McGlynn, L. Hanlon, S. McBreen, A. Martin-Carrillo, B. McBreen, M. Topinka, S. Meehan.</i>	
Global characteristics of GRBs observed with INTEGRAL	279
<i>P. Veres, Z. Bagoly.</i>	
Gamma-ray bursts: connecting the prompt emission with the afterglow	284
<i>L. G. Balázs, I. Horváth, P. Veres.</i>	
Relationship between the gamma-ray and X-ray data of the Swift GRBs	289
<i>A. Mészáros, L. G. Balázs, Z. Bagoly, P. Veres.</i>	
Impact on cosmology of the celestial anisotropy of the short gamma-ray bursts.	293
<i>Z. Bagoly, P. Veres.</i>	
Optical biases in the GRB redshift observations	297
<i>I. Horváth, P. Veres, L. G. Balázs.</i>	
The third group of gamma-ray bursts in the Swift and Batse data	302

<i>J. Řípa, C. Wigger, D. Huja, R. Hudec.</i> Gamma-ray burst classes found in the RHESSI data sample	305
<i>D. Huja, J. Řípa.</i> A search for the intermediate subgroup of gamma-ray bursts in the Swift dataset.....	311
<i>L. Barragán, J. Wilms, K. Pottschmidt, M. A. Nowak, I. Kreykenbohm, R. Walter.</i> Suzaku observation of IGR J16318-4848	316
<i>R. Gális, D. Eckert, S. Paltani, F. Münz, M. Kocka.</i> X-ray emission of cataclysmic variables observed by INTEGRAL	321
<i>R. Hudec, M. Blažek, M. Kocka, E. Pian.</i> Blazars with INTEGRAL	327
<i>R. Hudec, M. Kocka, M. Blažek, V. Hudcová.</i> Czech participation in INTEGRAL.....	336
<i>R. Hudec, L. Pina, V. Maršíková, A. Inneman, M. Skulinová, M. Míka.</i> Czech participation in IXO.....	345
<i>R. Hudec, L. Hudec, V. Hudcová.</i> Low-dispersion spectroscopy: a comparison of the Gaia and objective-prism surveys.....	353
<i>S. Klose, J. Greiner.</i> GROND: a multi-channel imager on La Silla	358
<i>V. Tichý, M. Hromčík, R. Hudec, A. Inneman, J. Maršík, V. Maršíková, L. Pína.</i> Tests of lobster-eye optics for a small X-ray telescope.....	362
<i>V. Tichý, L. Švéda, J. Maršík, J. Jakůbek, V. Maršíková, L. Pína, R. Hudec, M. Hromčík.</i> Tests of imaging with lobster-eye X-ray optics and Medipix2 detector.....	369
<i>M. Nekola, R. Hudec, M. Jelínek, P. Kubánek, C. Polášek, J. Štrobl.</i> Burst alert robotic telescope and optical afterglows.....	374
<i>F. Münz, M. Kocka.</i> WEB-based approach to the INTEGRAL data	379
<i>R. Nesci, C. Rossi, G. Cirimele.</i> Spectra in the digitized First Byurakan Survey	383
<i>S. Vitek.</i> Modeling of astronomical images	387
Contents of Volume 18	393
Instructions to authors	397