

Contents of Volume 1 (1992)

Number 1

<i>J. Jaaniste.</i> On the Lyman forest of the quasar 3C273.	1
<i>P. Tenjes.</i> Surface photometry of galaxies. I. NGC 3379 and M81.	7
<i>K. Zdanavičius.</i> Photoelectric photometry of stars in the areas of globular clusters M4, M22, M71 and M92.	17
<i>R. Janulis.</i> Interstellar reddening in the direction of the globular cluster M15.	25
<i>V. Vansevicius.</i> Photoelectric Vilnius photometry in the direction of the open cluster NGC 6910.	31
<i>L. Sapar and A. Sapar.</i> The ultraviolet spectrum of η CMa.	37
<i>A. Bartkevičius, J. Sperauskas, A.S. Rastorguev and A.A. Tokovinin.</i> Radial velocities of population II stars. I.	47
<i>L. Leedjårv.</i> Some observable characteristics of symbiotic stars from model calculations.	59
<i>J. Šleivyte.</i> Photoelectric photometry of carbon, barium and related stars in the Vilnius system and their colour excesses. II.	83
<i>V. Straižys, R.P. Boyle and G. Kurilienė.</i> Transformation equations between the CCD and the standard Vilnius sys- tems.	95
<i>V. Straižys.</i> How to obtain three-dimensional classification of stars at $V = 20$?	107
<i>A. Bartkevičius and R. Lazauskaitė.</i> Relations between the $(B-V)_0$ and $(Y-V)_0$ colour indices for metal-poor stars.	111
<i>A. Balklavs.</i> Microbursts of solar radioemission: problems and solutions.	117

Number 2

<i>V. Straižys, K. Černis and E. Meištas.</i> Probable open clusters NGC 1750 and NGC 1758 behind the Taurus dark clouds.	125
<i>V. Vansevicius and A. Bridžius.</i> Photoelectric photometry of stars in the Vilnius system in the area of open cluster M11.	142
<i>V. Straižys, K. Černis, A. Kazlauskas and E. Meištas.</i> On the distance of dark clouds in the vicinity of the reflection nebula NGC 7023 in Cepheus.	149

<i>K. Černis and V. Straižys.</i> On the distance of the high latitude dark cloud Lynds 134 in Serpens.	163
<i>K. Černis and V. Jasevičius.</i> Photoelectric photometry of stars in the Vilnius system in Kapteyn Areas SA 2, 4 and 6.	168
<i>T. Kipper.</i> Chemical composition of a halo carbon star TT CVn.	181
<i>T. Kipper.</i> Technetium abundance in Omicron Ceti.	190
<i>A. Bartkevičius.</i> Catalogue of Population II A–F supergiants: UU Herculis and related stars.	194
<i>A. Bartkevičius, R. Lazauskaitė and G. Tautvaišienė.</i> Classification of Population II supergiants and related stars in the Vilnius system.	216
<i>B. Ryabov, L. Nagelis, L. Mancevics, D. Skerse and J. Kaminskis.</i> A model support to analysis of high resolution radio observations of the Sun.	239
<i>E. Bervalds.</i> Double variational principle for the construction synthesis of steerable radiotelescopes.	251

Number 3

<i>T. Oja.</i> Studies of stars at high galactic latitudes. I	261
--	-----

Number 4

<i>J. Vennik.</i> Nearby groups of galaxies in the Pisces-Cetus area. I. The NGC 524 group.	415
<i>R. Janulis and F. Smriglio.</i> Interstellar reddening in the direction of the globular cluster NGC 6712.	430
<i>R. Lazauskaitė.</i> Photoelectric photometry of metal-poor and other peculiar stars in the Vilnius system.	439
<i>G. Tautvaišienė, S. Kriukelis and I. Bikmaev.</i> Element abundances in the RS CVn-type star Lambda Andromedae.	450
<i>L. Sapar and A. Sapar.</i> A study of IUE ultraviolet spectrum of χ^2 Orionis.	461
<i>A.F. Kholtygin and T. Feklistova.</i> Clumps in the planetary nebulae.	514
<i>V. Mal'uto, J. Pelt and T. Shvelidze.</i> The spectrophotometric data reduction software package for automated quantitative spectral classification of stars.	526
<i>V. Straižys and G. Valiauga.</i> A possibility of photometric classification of stars with the Wide Field Camera of the HST.	545
<i>H. Eelsalu.</i> A new interpretation of the cratering history in terms of the galactovertical oscillation of the Sun.	560

Erratum:

J. Šleivyte.

Photoelectric photometry of carbon, barium and related stars in the Vilnius system and their colour excesses. II. (Baltic Astronomy, 1, 83, 1992) . . . 565

Contents of volume 1 566