

Contents of Volume 7 (1998)

Number 1

PROCEEDINGS OF THE FOURTH WET WORKSHOP, JULY 21–25, 1997

<i>E. G. Meistas and P. Moskalik.</i>	
Introduction.	1
<i>J. M. Kreiner.</i>	
Preface.	2
<i>D. E. Winget.</i>	
Ten years of science: lessons on target selection for the Whole Earth	
Telescope.	3
<i>S. D. Kawaler.</i>	
What can we learn from WET about how to make white dwarfs.	11
<i>M. J. Goupil, W. A. Dziembowski, G. Fontaine.</i>	
On some observational consequences of nonlinearities in stellar pulsations. .	21
<i>A. Schwarzenberg-Czerny.</i>	
Period search in large datasets.	43
<i>S. Dreizler.</i>	
HST spectroscopy of PG 1159 stars: the boundary of the GW Vir	
instability strip.	71
<i>J. E. S. Costa, S. O. Kepler.</i>	
Direct measurement of the secular pulsational variation of the DOV star	
PG 1159-035.	83
<i>M. S. O'Brien.</i>	
Preliminary results from XCOV14 observations of PG 0122+200.	89
<i>G. Vauclair, P. Moskalik, B. Pfeiffer et al.</i>	
Asteroseismology of RXJ 2117+3412.	99
<i>G. Handler, S. Dreizler, R. Silvotti, Jiang Xiao-jun.</i>	
The pulsating “hybrid” PG 1159 star HS 2324+3944: past, present	
and future.	105
<i>P. A. Bradley.</i>	
Asteroseismology of DAV white dwarf stars.	111
<i>O. Giovannini, S. O. Kepler, A. Kanaan et al.</i>	
Blue edge of the ZZ Ceti instability strip versus mass.	131
<i>A. Nitta, D. E. Winget.</i>	
On the origin of DB white dwarfs.	141
<i>J. L. Provencal, H. L. Shipman.</i>	
HST observations of carbon and hydrogen in DB white dwarfs.	149
<i>N. Dolez.</i>	
HL Tau 76 after the XCOV13 campaign: progress report.	153
<i>D. J. Sullivan.</i>	
The pulsating white dwarf L 19-2.	159

<i>S. O. Kepler, R. E. Nather, T. S. Metcalfe.</i>	
Evolutionary timescale of the DAV star G 117-B15A.	175

Number 2

PROCEEDINGS OF THE FOURTH WET WORKSHOP, JULY 21–25, 1997 (Continued)

<i>A. Kanaan, S. O. Kepler et al.</i>	
BPM 37093: the way to the interior of crystallized stars.	183
<i>M. H. Montgomery, D. E. Winget.</i>	
A pulsational study of crystallized white dwarf stars.	197
<i>A. Nitta, S. O. Kepler et al.</i>	
HST observation of GD 358.	203
<i>M. Breger.</i>	
XCOV13 and asteroseismology of Delta Scuti stars.	211
<i>G. Handler.</i>	
Methodological aspects of Delta Scuti star seismology.	227
<i>A. Stankov, W. Zima.</i>	
Photometry of Delta Scuti star FG Vir during the 1995 multi-site campaign.	243
<i>J. C. Simpson, M. A. Wood, Ch. J. Burke.</i>	
The effects of inclination angle on superhump pseudo-lightcurves.	255
<i>D. Semionovas.</i>	
Modeling of the accretion disc spectra in AM CVn systems.	269
<i>J.-E. Solheim, J. L. Provencal.</i>	
First attempt on discoseismology of AM CVn stars – what can the harmonic structure of the observed amplitude spectra tell us?	277
<i>T. M. K. Marar, S. Seetha et al.</i>	
The intermediate polar PQ Gem – status of WET observations of 1996.	287
<i>R. Silvotti, D. de Martino et al.</i>	
HST/UV periodic variations in the intermediate polar FO Aqr.	293
<i>J. Matthews.</i>	
Should roAp stars get WET and will they make a splash?	299
<i>D. O'Donoghue, C. Koen et al.</i>	
The EC 14026 stars.	313
<i>J.-E. Solheim.</i>	
The EUROWET cooperation.	319
<i>R. Kalytis.</i>	
The WET instrumentation: five years of the Vilnius group experience.	329
<i>R. Kalytis, J. Spėrauskas, E. G. Meištas.</i>	
On the necessity to standardize photometric parameters of the WET photometers.	341
<i>A. W. Schmalwieser.</i>	
“The World of Delta Scuti Stars”, a computer animated movie about nonradial pulsation and Delta Scuti stars.	349
<i>A. V. Mironov, V. M. Tereshchenko.</i>	
Astronomical observatories in Kazakhstan.	351

<i>P. A. Bradley.</i>	
White dwarf data tables.	355

Number 3

<i>R. P. Boyle, A. Kazlauskas, V. Vansevičius et al.</i>	
CCD photometry of the M 67 cluster in the Vilnius photometric system.	369
<i>F. Smriglio, A. Kazlauskas, A. K. Dasgupta et al.</i>	
CCD photometry of the globular cluster M 92 in the Vilnius photometric system. Eastern area.	393
<i>A. Eimontas, J. Sūdžius.</i>	
Photoelectric photometry of Herbig Ae/Be and related stars in the Vilnius photometric system.	407
<i>S. J. Adelman.</i>	
Photometry from the Hipparcos catalogue: constant MCP stars, comparison and check stars.	427
<i>T. Kipper.</i>	
Chemical composition of the halo Mira-type carbon star V CrB.	435
<i>L. Sapar, A. Sapar.</i>	
Stellar wind variability from IUE spectra of Epsilon Orionis.	451
<i>E. A. Makarova, A. V. Kharitonov, T. V. Kazachevskaja et al.</i>	
Observable characteristics of solar radiation (Revised tables).	467
<i>A. Kučinskas.</i>	
Circumstellar shells of the mass-losing AGB stars: terminal outflow velocities.	495
<i>V. G. Kornilov.</i>	
Four-channel stellar photometer with dichroic beam-splitters.	513
<i>A. Bridžius.</i>	
Distribution of metallicity and star forming regions in the galaxies NGC 5194/5195.	525

Number 4

<i>V. Straizys, R. Liubertas, R. Lazauskaitė.</i>	
A comparison of stellar classification possibilities of photometric systems.	
I. Solar metallicity stars.	529
<i>K. Zdanavičius.</i>	
On the possibilities of some photometric systems for star classification.	551
<i>V. Straizys.</i>	
Synthetic photometry experiments in the vicinity of the Paschen jump.	571
<i>V. Straizys, A. Eimontas, J. Sūdžius, S. Bartašiūtė, K. Černis.</i>	
Emission-line stars in the Vilnius photometric system.	589
<i>V. Straizys, R. Lazauskaitė, R. Liubertas, A. Ažusienė.</i>	
Star classification possibilities with broad-band photometric systems.	
I. The Sloan system.	605
<i>K. Černis, S. Bartašiūtė, V. Straizys, R. Janulis.</i>	
Photoelectric photometry of stars in the Orion standard region.	625
<i>V. Mioc, M. Stavinschi.</i>	
On the Schwarzschild-type polygonal (n+1)-body problem and on the associated restricted problem.	637

<i>A. Alksnis, A. Balklavs, I. Eglitis, O. Paupers.</i>	
Baldone Schmidt telescope plate archive and catalogue.	653
<i>In Memoriam.</i>	
Jurij Frantsman.	669
<i>In Memoriam.</i>	
Veikko Saar.	672