

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 6084

Konkoly Observatory
Budapest
2 December 2013

HU ISSN 0374 – 0676

**BAV-RESULTS OF OBSERVATIONS - PHOTOELECTRIC MINIMA
OF SELECTED ECLIPSING BINARIES AND MAXIMA OF PULSATING STARS**

(BAV MITTEILUNGEN NO. 232)

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In this 76th compilation of BAV results, photoelectric observations obtained mostly in the years 2012 and 2013 are presented on 373 variable stars giving 524 minima on eclipsing binaries and maxima on pulsating stars. All moments of minima and maxima are heliocentric UTC. The errors are tabulated in column ‘±’. The values in column ‘ $O - C$ ’ are determined without incorporating nonlinear terms. The references are given in the section ‘Remarks’. All information about photometers and filters are specified in the columns ‘Fil’ and ‘Rem’. The observations were made at private observatories. The photoelectric measurements and all the light curves with evaluations can be obtained from the office of the BAV for inspection.

Please use the following link for an easy access to all the publications of the BAV including the “Lichtenknecker Database of the BAV”: <http://www.bav-astro.de/sfs> .

Table 1: Times of minima of eclipsing binaries

Variable	HJD 24.....	±	Obs	$O - C$	Ref	Fil	n	Rem
CK Aqr	56516.4021	0.0002	RDL WLH	+0.0063	s (6)	o	372	14)
OO Aql	56489.4831	0.0068	AG	+0.0575	s (6)	-I	29	12)
OP Aql	56489.5506	0.0011	AG	-0.0081	(6)	-I	29	12)
V417 Aql	56489.5025	0.0019	AG	+0.0401	(6)	-I	29	12)
	56525.4214	0.0007	QU	+0.0565	(6)	V	53	5)
V640 Aql	56489.5217	0.0009	AG	-0.0373	(6)	-I	29	12)
V760 Aql	56489.4159	0.0008	AG	-0.0379	(6)	-I	29	12)
V997 Aql	56489.5151	0.0042	AG	+0.0055	(6)	-I	29	12)
V1168 Aql	56489.4199	0.0015	AG	+0.0030	(6)	-I	29	12)
V1692 Aql	56489.4842	0.0065	AG	-0.0690	s (6)	-I	29	12)
V1714 Aql	56489.3899	0.0003	AG	-0.0105	(6)	-I	29	12)
CL Ari	56338.3736	0.0081	AG	-0.0629	(6)	-I	17	12)
RZ Aur	56356.4594	0.0053	AG	-0.0404	(6)	-I	43	12)
AH Aur	56334.3885	0.0030	AG	-0.0172	s (6)	-I	36	12)
	56355.3859	0.0005	AG	-0.0194	(6)	-I	37	12)
AP Aur	56355.3323	0.0031	AG	+0.0968	(6)	-I	49	12)
	56355.6248	0.0035	AG	+0.1046	s (6)	-I	49	12)
FP Aur	56356.4627	0.0028	AG	-0.0013	(6)	-I	48	12)
V410 Aur	56334.3411	0.0033	AG	+0.0165	(6)	-I	39	12)
V425 Aur	56334.3454	0.0113	AG	+0.0129	(6)	-I	39	12)
V455 Aur	56354.4583	0.0014	AG	-0.0676	s (6)	-I	32	12)
V523 Aur	56355.4358	0.0007	AG	+0.0025	s (6)	-I	48	12)
	56355.5990	0.0020	AG	+0.0005	(6)	-I	48	12)
V645 Aur	56354.4223	0.0038	AG	+0.0003	(6)	-I	17	12)
TX Boo	56408.3909	0.0089	AG	+0.0638	(6)	-I	35	12)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
TY Boo	56408.4154	0.0015	AG	-0.0066	(6)	-I	36	12)
	56408.5742	0.0006	AG	-0.0063	s (6)	-I	36	12)
TZ Boo	56400.5676	0.0024	AG	-0.0076	(6)	-I	23	12)
XY Boo	56356.4703	0.0020	FR	-0.0241	s (6)	V	70	18)
	56356.6574	0.0008	FR	-0.0223	(6)	V	70	18)
	56400.5695	0.0020	AG	-0.0234	s (6)	-I	23	12)
	56418.3614	0.0038	AG	-0.0191	s (6)	-I	30	12)
	56418.5387	0.0039	AG	-0.0271	(6)	-I	30	12)
AC Boo	56449.4926	0.0004	QU	+0.0052	(6)	V	65	5)
AQ Boo	56356.6148	0.0023	FR	-0.0088	(6)	V	33	18)
DU Boo	56418.4458	0.0092	AG	+0.0087	(6)	-I	32	12)
EQ Boo	56356.5959	0.0001	FR	-0.0061	(6)	-I	57	12)
FI Boo	56400.5157	0.0123	AG	-0.0263	s (6)	-I	23	12)
FY Boo	56356.5307	0.0020	FR	+0.0088	s (6)	V	35	18)
	56356.6520	0.0007	FR	+0.0095	(6)	V	35	18)
GK Boo	56400.4867	0.0024	AG	-0.0002	(6)	-I	23	12)
	56418.4035	0.0024	AG	+0.0002	s (6)	-I	31	12)
GN Boo	56408.5605	0.0013	AG	+0.0265	(6)	-I	36	12)
GW Boo	56418.3519	0.0040	AG	+0.0342	s (6)	-I	30	12)
KW Boo	56408.4645	0.0050	AG	+0.0071	s (6)	-I	36	12)
NW Boo	56408.5712	0.0052	AG	+0.0038	(6)	-I	36	12)
NX Boo	56408.4112	0.0006	AG	+0.0352	(6)	-I	36	12)
	56408.5375	0.0014	AG	+0.0359	s (6)	-I	36	12)
OQ Boo	56408.3769	0.0054	AG	-0.0452	s (6)	-I	36	12)
	56408.5810	0.0037	AG	-0.0400	(6)	-I	36	12)
PY Boo	56400.4999	0.0048	AG	+0.0362	(6)	-I	23	12)
SV Cam	56356.2662	0.0007	AG	+0.0559	(6)	-I	33	12)
AW Cam	56356.3866	0.0095	AG	-0.0120	s (6)	-I	22	12)
	56371.4304	0.0011	AG	-0.0094	(6)	-I	40	12)
AZ Cam	56408.3755	0.0031	AG	+0.0186	(6)	-I	34	12)
CV Cam	56187.4847	0.0038	FR			V	49	18)
FN Cam	56374.4861	0.0067	AG	+0.0050	s (4)	-I	27	12)
HW Cam	56356.3366	0.0030	AG	+0.0021	s (4)	-I	21	12)
	56371.6187	0.0009	AG	-0.0001	s (4)	-I	30	12)
	56374.3521	0.0031	AG	+0.0040	(4)	-I	27	12)
V506 Cam	56371.5301	0.0027	AG	+0.0026	s (6)	-I	30	12)
WY Cnc	56371.4447	0.0010	AG	-0.0361	(6)	-I	33	12)
VZ CVn	56408.4142	0.0035	AG	-0.0016	s (6)	-I	33	12)
	56418.5254	0.0038	AG	+0.0000	s (6)	-I	30	12)
BI CVn	56400.5747	0.0010	AG	-0.0236	(6)	-I	22	12)
	56407.4389	0.0071	AG	-0.0743	(6)	-I	36	12)
BO CVn	56408.4754	0.0048	AG	+0.0018	(4)	-I	34	12)
	56418.5698	0.0012	AG	+0.0057	s (4)	-I	32	12)
EL CVn	56407.3910	0.0050	AG	-0.0214	(6)	-I	36	12)
	56418.5308	0.0096	AG	-0.0204	(6)	-I	31	12)
GG CVn	56418.3903	0.0092	AG	+0.0224	(6)	-I	32	12)
GM CVn	56408.5114	0.0051	AG	-0.0150	s (6)	-I	34	12)
	56418.4159	0.0037	AG	-0.0192	s (6)	-I	32	12)
RW CMi	56354.3940	0.0039	AG	-1.2470	(4)	-I	21	12)
TZ CMi	56354.4207	0.0012	AG	-0.6493	(6)	-I	21	12)
AK CMi	56354.4052	0.0004	AG	-0.0204	(6)	-I	18	12)
DW CMi	56354.4143	0.0003	AG	+0.0090	s (6)	-I	17	12)
V523 Cas	56519.4294	0.0004	JU	-0.0188	s (6)	o	47	4)
WY Cep	56489.3952	0.0038	AG	+0.0209	(6)	-I	25	12)
XX Cep	56533.4462	0.0011	JU	-0.0010	(6)	o	73	4)
XZ Cep	56219.3461	0.0020	AG	+0.0654	(6)	-I	54	12)
ZZ Cep	56491.4802	0.0042	AG	-0.0156	(6)	-I	20	12)
	56485.5194	0.0033	AG	+0.0125	(6)	-I	23	12)
EG Cep	56491.5105	0.0016	AG	+0.0128	(6)	-I	22	12)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
FK Cep	56490.3931	0.0036	AG			-I	32	12)
GG Cep	56490.4835	0.0009	AG	-0.1161	(6)	-I	32	12)
NS Cep	56490.4959	0.0007	AG	-0.1859	(6)	-I	32	12)
V711 Cep	56485.4484	0.0055	AG	+0.0092	(4)	-I	23	12)
V736 Cep	56480.5171	0.0082	AG	-0.0181	(6)	-I	16	12)
	56483.5213	0.0058	AG	-0.0164	s (6)	-I	21	12)
V737 Cep	56490.5127	0.0003	AG	+0.0343	(6)	-I	32	12)
V738 Cep	56483.4535	0.0083	AG	-0.0197	s (6)	-I	18	12)
	56485.4067	0.0010	AG	-0.0139	(6)	-I	21	12)
RZ Com	56397.4236	0.0015	AG	+0.0464	s (6)	-I	24	12)
	56398.4405	0.0002	AG	+0.0477	s (6)	-I	45	12)
	56407.4102	0.0059	AG	+0.0470	(6)	-I	36	12)
	56407.5825	0.0008	AG	+0.0501	s (6)	-I	36	12)
Y Cyg	56491.4714	0.0057	AG	+0.1217	s (6)	-I	19	12)
WZ Cyg	56521.3728	0.0002	WTR	+0.0661	(6)	o	71	3)
BR Cyg	56489.5030	0.0018	AG	+0.0004	(6)	-I	25	12)
CG Cyg	56480.5161	0.0015	AG	+0.0708	(6)	-I	16	12)
CV Cyg	55832.4561	0.0024	FR	+0.2053	s (6)	o	47	18)
HK Cyg	56485.4406	0.0028	SCI	-0.2351	(6)	o	45	4)
KR Cyg	56483.4310	0.0006	AG	+0.0190	(6)	-I	19	12)
V382 Cyg	56157.4306	0.0011	FR	+0.1085	s (6)	o	36	18)
V456 Cyg	56483.5319	0.0019	AG	+0.0482	(6)	-I	18	12)
V477 Cyg	56483.4699	0.0087	AG	+0.6692	(6)	-I	19	12)
V478 Cyg	56485.4697	0.0124	AG	+0.0194	(6)	-I	22	12)
V498 Cyg	55832.4415	0.0030	FR	+0.2210	s (6)	o	47	18)
V526 Cyg	56491.4268	0.0011	AG	+0.0399	(6)	-I	33	12)
V548 Cyg	56515.4836	0.0010	ALH	+0.0314	(6)	V	480	7)
V680 Cyg	56490.5068	0.0067	AG	+0.0634	(6)	-I	31	12)
V687 Cyg	56167.3374	0.0008	FR	-0.0067	(6)	V	82	18)
V700 Cyg	56517.3914	0.0005	WTR	-0.0740	s (6)	o	72	3)
V706 Cyg	56491.5098	0.0062	AG	-0.0602	s (6)	-I	32	12)
V796 Cyg	56489.4434	0.0035	AG	-0.0287	s (6)	-I	25	12)
V836 Cyg	56490.4547	0.0100	AG	+0.0198	s (6)	-I	30	12)
V909 Cyg	56495.4328	0.0007	QU	-0.1706	s (6)	V	80	5)
V936 Cyg	54023.3948	0.0050	FR	-0.0503	(6)	-I	23	11)
V1061 Cyg	56521.4847	0.0007	QU	-0.0112	(6)	V	106	5)
V1171 Cyg	56489.4409	0.0053	AG	-0.0584	s (6)	-I	25	12)
V1191 Cyg	55832.3713	0.0015	FR	+0.0078	(6)	o	93	18)
	55832.5214	0.0027	FR	+0.0012	s (6)	o	93	18)
V1193 Cyg	56489.5239	0.0025	SCI	-0.1541	(6)	o	36	4)
V1305 Cyg	55832.3918	0.0023	FR	+0.0057	s (6)	o	42	18)
	56490.5012	0.0016	SCI	+0.0066	(6)	o	150	4)
V1425 Cyg	56483.4809	0.0083	AG	+0.0092	s (6)	-I	21	12)
V1818 Cyg	56167.3842	0.0027	FR			V	62	18)
V1918 Cyg	56450.4430	0.0004	QU	+0.0071	s (4)	V	90	5)
V2080 Cyg	56490.5049	0.0089	AG	-0.0133	(4)	-I	31	12)
V2278 Cyg	56218.5211	0.0021	SCI			o	107	4)
	56220.5145	0.0022	SCI			o	90	4)
	56221.3919	0.0025	SCI			o	70	4)
	56222.2764	0.0028	SCI			o	101	4)
	56225.3791	0.0028	SCI			o	58	4)
	56480.5020	0.0028	SCI			o	66	4)
	56486.4751	0.0025	SCI			o	66	4)
	56505.4823	0.0020	SCI			o	83	4)
V2364 Cyg	56490.5381	0.0043	AG	-0.0194	(6)	-I	31	12)
V2477 Cyg	56480.4606	0.0029	AG	+0.0000	s (6)	-I	16	12)
V2520 Cyg	56179.5901	0.0033	FR	-0.0196	s (6)	V	49	18)
TY Del	56489.5152	0.0008	AG	+0.0599	(6)	-I	25	12)
FZ Del	56490.4817	0.0008	AG	-0.0346	(6)	-I	30	12)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
RZ Dra	56485.5108	0.0029	AG	+0.0574	s (6)	-I	23	12)
TZ Dra	56461.4294	0.0030	JU	-0.0383	s (6)	o	31	4)
	56483.5157	0.0024	AG	-0.0359	(6)	-I	22	12)
	56490.4435	0.0019	AG	-0.0364	(6)	-I	31	12)
WW Dra	56400.5555	0.0059	AG	+0.5930	(6)	-I	23	12)
BH Dra	56489.4282	0.0018	AG	-0.0032	(6)	-I	25	12)
BS Dra	56483.4179	0.0045	AG	-0.0019	s (6)	-I	20	12)
BV Dra	56408.4591	0.0014	AG	-0.0054	(6)	-I	34	12)
GM Dra	56483.4878	0.0024	AG	-0.0126	s (4)	-I	22	12)
V341 Dra	56400.6049	0.0006	AG	+0.0041	(6)	-I	23	12)
AL Gem	56334.3053	0.0021	AG	+0.0785	(6)	-I	39	12)
	56338.4771	0.0014	AG	+0.0763	(6)	-I	25	12)
V345 Gem	56355.3776	0.0026	SCI	+0.0258	(4)	o	167	4)
V348 Gem	56355.4767	0.0020	FR			V	25	18)
V382 Gem	56354.3793	0.0024	AG	-0.0147	s (6)	-I	19	12)
V389 Gem	56334.3476	0.0077	AG	-0.0113	(6)	-I	39	12)
V417 Gem	56355.4088	0.0063	AG	+0.0207	s (6)	-I	40	12)
SZ Her	56491.475 :	0.006	AG	+0.391	(6)	-I	20	12)
UX Her	56460.4407	0.0006	QU	+0.0998	(6)	V	75	5)
BC Her	56487.4879	0.0024	SCI	-0.4204	s (6)	o	97	4)
DH Her	56483.4550	0.0074	AG	+0.0095	(6)	-I	20	12)
DK Her	56493.4799	0.0024	SCI	-0.1480	s (6)	o	71	4)
HS Her	56491.4564	0.0106	AG	-0.0278	(6)	-I	19	12)
V338 Her	56485.5277	0.0026	AG	+0.1182	s (6)	-I	21	12)
	56487.4798	0.0006	JU	+0.1117	(6)	o	76	4)
V357 Her	56440.4917	0.0014	SCI	+0.0276	s (6)	o	56	4)
	56448.5272	0.0028	SCI	+0.0290	(6)	o	55	4)
	56449.5107	0.0021	SCI	+0.0344	(6)	o	62	4)
	56451.4894	0.0019	SCI	-0.0129	s (6)	o	38	4)
	56483.4955	0.0018	SCI	-0.0039	s (6)	o	66	4)
V450 Her	56485.4293	0.0041	AG	+0.1060	s (6)	-I	23	12)
	56495.4702	0.0017	JU	+0.1069	s (6)	o	70	4)
V731 Her	56489.4190	0.0009	JU	+0.0990	(6)	o	65	4)
V732 Her	56450.4204	0.0090	JU	+0.0393	s (6)	o	72	4)
	56451.4906	0.0050	JU	+0.0585	s (6)	o	69	4)
V742 Her	56450.5170	0.0020	SCI	+0.0399	s (6)	o	66	4)
V829 Her	56506.4867	0.0016	JU	+0.0138	(4)	o	81	4)
V842 Her	56480.4104	0.0002	WTR	+0.0064	s (4)	o	61	3)
V857 Her	56480.4494	0.0007	JU	+0.0050	(4)	o	66	4)
V994 Her	56490.4522	0.0063	AG			-I	31	12)
V1047 Her	56505.4599	0.0015	JU	-0.0059	s (4)	o	71	4)
V1055 Her	56462.4825	0.0012	JU	+0.0113	s (4)	o	60	4)
RW Lac	56489.4428	0.0051	AG	-0.0134	s (6)	-I	25	12)
V401 Lac	56491.4340	0.0044	AG			-I	21	12)
UV Leo	56371.5971	0.0005	AG	+0.0375	s (6)	-I	23	12)
	56397.4002	0.0015	AG	+0.0370	s (6)	-I	22	12)
UZ Leo	56371.5797	0.0021	AG	-0.0659	s (6)	-I	23	12)
	56398.4630	0.0002	AG	-0.0674	(6)	-I	16	12)
XY Leo	56356.3607	0.0010	AG	-0.0439	s (6)	-I	18	12)
	56371.5600	0.0037	AG	-0.0438	(6)	-I	23	12)
AL Leo	56356.3328	0.0025	AG	+0.8182	s (6)	-I	18	12)
	56371.5835	0.0029	AG	-0.5087	s (6)	-I	23	12)
AM Leo	56397.3619	0.0004	WTR	+0.0137	(6)	o	76	3)
	56397.3628	0.0015	AG	+0.0146	(6)	-I	22	12)
BW Leo	56356.4796	0.0017	SCI	+0.0456	(6)	o	29	4)
	56356.6491	0.0028	SCI	+0.0465	s (6)	o	27	4)
EX Leo	56398.5324	0.0025	AG	+0.0123	s (4)	-I	36	12)
VW LMi	56398.4076	0.0011	AG	+0.0116	(4)	-I	37	12)
SW Lyn	56356.2808	0.0001	AG	+0.0601	(6)	-I	21	12)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
SW Lyn	56371.4216	0.0025	AG	+0.0654	s	(6)	-I	29 (12)
BG Lyn	56355.5344	0.0025	AG	-0.0001		(4)	-I	50 (12)
CC Lyn	56355.4856	0.0021	AG	+0.0627	s	(4)	-I	43 (12)
DY Lyn	56354.4512	0.0016	AG	-0.1878	s	(6)	-I	25 (12)
	56356.4205	0.0005	AG	-0.1883		(6)	-I	21 (12)
	56371.5211	0.0030	AG	-0.1900	s	(6)	-I	29 (12)
DZ Lyn	56356.3443	0.0037	AG	-0.0161		(6)	-I	21 (12)
	56371.4692	0.0011	AG	-0.0120		(6)	-I	20 (12)
FI Lyn	56355.4371	0.0026	AG	+0.0169		(6)	-I	59 (12)
	56355.6234	0.0018	AG	+0.0166	s	(6)	-I	59 (12)
FN Lyn	56354.3422	0.0006	AG	+0.0641		(6)	-I	25 (12)
AA Lyr	56500.4726	0.0005	FR	+0.2110		(6)	-I	53 (12)
V574 Lyr	56490.4440	0.0008	JU	+0.0052	s	(4)	o	86 (4)
V579 Lyr	56492.4709	0.0006	JU	-0.0157		(4)	o	64 (4)
V580 Lyr	56478.4513	0.0008	JU	-0.0081		(4)	o	58 (4)
V922 Mon	55968.2808	0.0002	RAT RCR	-0.0196		(6)	-U-I	116 (15)
V451 Oph	56489.5001	0.0022	AG	-0.0041		(6)	-I	25 (12)
V913 Oph	56046.5489	0.0002	RAT RCR	+0.3318		(6)	-U-I	232 (15)
V2640 Oph	56072.4495	0.0003	RAT RCR	+0.0016		(6)	-U-I	188 (15)
FK Ori	56220.4931	0.0005	RAT RCR	-0.0458		(6)	R	170 (15)
V1848 Ori	55960.3064	0.0002	RAT RCR	-0.0026	s	(6)	-U-I	129 (15)
V2735 Ori	56354.3222	0.0006	AG	-0.0130		(6)	-I	16 (12)
V2790 Ori	55959.3466	0.0002	RAT RCR	-0.0085		(6)	-U-I	93 (15)
TY Peg	56175.3641	0.0019	BHE	-0.3586		(6)	-I	329 (16)
BB Peg	56148.4843	0.0003	RAT RCR	-0.0073	s	(6)	V	157 (15)
BO Peg	56135.4829	0.0002	RAT RCR	-0.0378		(6)	-U-I	219 (15)
BX Peg	56141.4758	0.0002	RAT RCR	+0.0324	s	(6)	V	138 (15)
	56178.3510	0.0002	RAT RCR	+0.0323		(6)	R	83 (15)
	56187.3246	0.0006	BHE	+0.0324		(6)	-I	328 (16)
DK Peg	56181.4299	0.0013	BHE	+0.1289		(6)	-I	201 (16)
V365 Peg	56131.4986	0.0002	RAT RCR				-U-I	231 (15)
RT Per	56151.5264	0.0020	FR	+0.0726	s	(6)	o	38 (18)
IT Per	56172.5130	0.0007	RAT RCR	-0.0210		(6)	V	180 (15)
IU Per	55964.3132	0.0003	RAT RCR	+0.0140		(6)	-U-I	219 (15)
KR Per	56334.3145	0.0042	AG	-0.0172		(6)	-I	37 (12)
NZ Per	56334.3109	0.0035	AG	+0.0365		(6)	-I	36 (12)
V432 Per	56210.4707	0.0001	RAT RCR	-0.0163	s	(6)	R	186 (15)
V723 Per	56177.4666	0.0050	RAT RCR	-0.0537		(6)	R	191 (15)
V732 Per	56151.4877	0.0018	FR	-0.1424		(6)	o	26 (18)
	56187.5393	0.0013	FR	-0.1432		(6)	V	55 (18)
V912 Per	55966.4410	0.0005	RAT RCR	+0.0874		(6)	-U-I	245 (15)
V959 Per	56334.4515	0.0022	AG	+0.0214		(6)	-I	37 (12)
	56338.4166	0.0041	AG	+0.0236		(6)	-I	25 (12)
RV Psc	55962.2620	0.0002	RAT RCR	-0.0546		(6)	-U-I	130 (15)
VZ Psc	56222.2724	0.0003	RAT RCR	+0.0318	s	(6)	R	117 (15)
EX Psc	56221.3313	0.0020	RAT RCR	-0.0203	s	(6)	R	161 (15)
GX Psc	55962.2678	0.0010	RAT RCR	-0.0600		(6)	-U-I	134 (15)
MP Pup	56354.3792	0.0003	FR				-I	38 (12)
CU Sge	56097.5072	0.0002	RAT RCR	+0.0192		(6)	-U-I	203 (15)
DK Sge	56101.4595	0.0002	RAT RCR	-0.1481	s	(6)	-U-I	217 (15)
GN Sge	56489.4109	0.0042	AG	+0.0041		(6)	-I	25 (12)
V366 Sge	56060.5479	0.0004	RAT RCR	-0.0227		(6)	-U-I	174 (15)
AO Ser	56450.4082	0.0002	WTR	-0.0147		(6)	o	60 (3)
V384 Ser	56407.4080	0.0006	FR	-0.0024		(6)	-I	80 (12)
	56407.5396	0.0002	FR	-0.0052	s	(6)	-I	80 (12)
	56475.3965	0.0004	FR	-0.0023		(6)	-I	64 (12)
	56475.5292	0.0003	FR	-0.0040	s	(6)	-I	64 (12)
Y Sex	56009.394 :	0.002	RAT RCR	-0.012	s	(6)	-U-I	140 (15)
WX Sex	55969.4027	0.0010	RAT RCR	+0.0000	s	(6)	-U-I	170 (15)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
AI Sex	56009.3329	0.0009	RAT RCR	-0.0080	(6)	-U-I	138	15)
RZ Tau	55944.2889	0.0001	RAT RCR	+0.0659	(6)	-U-I	145	15)
CT Tau	56355.3208	0.0003	AG	-0.0588	s (6)	-I	33	12)
	56356.3219	0.0007	AG	-0.0579	(6)	-I	17	12)
EQ Tau	56251.3860	0.0002	RAT RCR	-0.0267	s (6)	R	106	15)
ET Tau	56354.3427	0.0089	AG	-0.0857	(6)	-I	20	12)
V1128 Tau	56218.5032	0.0001	RAT RCR	+0.0006	s (4)	R	178	15)
V1370 Tau	55957.3634	0.0002	RAT RCR	-0.0554	(6)	-U-I	176	15)
V1374 Tau	56356.3020	0.0002	AG	-0.0310	(6)	-I	16	12)
BI Tri	55963.3692	0.0007	RAT RCR	+0.0896	(6)	-U-I	218	15)
CL Tri	56220.3922	0.0003	RAT RCR	+0.0098	(6)	R	125	15)
W UMa	56354.3130	0.0012	SCI	-0.0785	(6)	o	83	4)
	56354.4811	0.0012	SCI	-0.0772	s (6)	o	116	4)
	56354.6496	0.0017	SCI	-0.0756	(6)	o	125	4)
	56397.3527	0.0016	AG	-0.0781	(6)	-I	21	12)
	56398.5202	0.0028	AG	-0.0783	s (6)	-I	21	12)
	56408.3634	0.0010	AG	-0.0774	(6)	-I	28	12)
	56408.5303	0.0008	AG	-0.0773	s (6)	-I	28	12)
VV UMa	56407.4646	0.0025	JU	-0.0540	s (6)	o	106	4)
	56408.4964	0.0019	AG	-0.0533	(6)	-I	28	12)
XY UMa	56408.4636	0.0032	JU	+0.0445	s (6)	o	69	4)
ZZ UMa	56012.5262	0.0001	RAT RCR	-0.0013	(6)	-U-I	302	15)
AF UMa	56407.5296	0.0061	AG	+0.5798	(6)	V	115	12)
	56407.5297	0.0063	AG	+0.5799	(6)	B	115	12)
DW UMa	56384.4728	0.0007	SCI	-0.0010	(4)	o	36	4)
GT UMa	56407.4222	0.0120	AG			B	115	12)
MQ UMa	56011.6263	0.0004	RAT RCR	+0.0825	(6)	-U-I	289	15)
MS UMa	56008.4486	0.0002	RAT RCR	+0.0397	(6)	-U-I	215	15)
	56008.6523	0.0003	RAT RCR	+0.0382	s (6)	-U-I	215	15)
MW UMa	56408.4903	0.0017	AG	+0.1135	s (6)	-I	34	12)
OX UMa	55966.6340	0.0020	RAT RCR	+0.0766	(6)	-U-I	262	15)
QT UMa	56002.6601	0.0010	RAT RCR	-0.0831	(6)	-U-I	299	15)
RU UMi	56400.5530	0.0058	AG	-0.0141	s (6)	-I	23	12)
	56407.3791	0.0066	AG	-0.0120	s (6)	-I	36	12)
TU UMi	55957.4887	0.0010	RAT RCR			-U-I	341	15)
TV UMi	56407.3595	0.0057	AG	+0.0016	(4)	-I	36	12)
WW UMi	55944.6236	0.0008	RAT RCR	+0.0658	(6)	-U-I	375	15)
AH Vir	56407.5369	0.0012	AG	+0.0510	(6)	-I	32	12)
BF Vir	56046.3823	0.0001	RAT RCR	+0.1017	(6)	-U-I	145	15)
V415 Vir	56407.4838	0.0043	AG	+0.0211	s (6)	-I	33	12)
	56418.4981	0.0080	AG	+0.0111	(6)	-I	26	12)
BP Vul	56112.4526	0.0002	RAT RCR	-0.0142	(6)	-U-I	162	15)
HI Vul	56179.4133	0.0028	FR	-0.0578	s (6)	-I	27	12)
ASAS J013711-3459.3	56153.5012	0.0002	WLH HUN			-U-I	88	4)
ASAS J062230+2734.7	56355.3751	0.0166	AG			-I	37	12)
ASAS J072000+2543.7	56334.3845	0.0080	AG			-I	39	12)
	56355.4056	0.0113	AG			-I	39	12)
ASAS J072125+2559.1	56355.3633	0.0057	AG			-I	39	12)
ASAS J140804+2303.6	56356.6268	0.0033	FR			V	63	18)
ASAS J191441+2747.7	56167.4720	0.0022	FR			V	43	18)
ASAS J191829+2608.7	56167.4926	0.0026	FR			V	75	18)
ASAS J192810+2542.0	56167.3917	0.0008	FR			V	87	18)
	56167.6026	0.0030	FR			V	87	18)
ASAS J193137+2635.7	56167.4651	0.0042	FR			V	40	18)
ASAS J193431+2548.2	56167.3634	0.0050	FR			V	37	18)
ASAS J194531+2821.4	56167.5412	0.0027	FR			V	27	18)
ASAS J194917+2824.0	56179.4786	0.0028	FR			V	41	18)
ASAS J195525+4326.1	55832.3014	0.0025	FR			V	85	18)
ASAS J200540+2805.2	56179.3799	0.0023	FR			V	47	18)
GSC 01935-00177	56013.4809	0.0025	FR			o	40	18)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
GSC 02038-00293	56407.3819	0.0012	FR	+0.0173	s	(3)	-I	166 (12)
	56407.6131	0.0009	FR	+0.0008		(3)	-I	166 (12)
	56475.4857	0.0005	FR	+0.0023		(3)	-I	32 (12)
GSC 02111-00334	53282.2703	0.0006	FR				-I	40 (10)
	53282.4096	0.0019	FR				-I	40 (10)
	53284.3883	0.0008	FR				-I	49 (10)
GSC 02134-00028	56500.4232	0.0035	FR				-I	30 (12)
GSC 02134-00821	56500.5714	0.0010	FR				-I	70 (12)
GSC 02150-01562	56179.3114	0.0018	FR				-I	186 (12)
GSC 02151-04948	56167.3977	0.0039	FR				V	57 (18)
GSC 02454-00681	56355.3813	0.0009	FR				V	51 (18)
	56355.5670	0.0021	FR				V	51 (18)
GSC 02454-01430	56355.4165	0.0048	FR				V	35 (18)
GSC 02469-00087	56355.4217	0.0019	FR				V	46 (18)
GSC 02675-00663	56179.5041	0.0042	FR				V	35 (18)
GSC 02678-01769	55067.5285	0.0017	FR				-I	96 (12)
GSC 02678-02360	55067.4677	0.0011	FR				-I	31 (12)
GSC 02695-03163	54682.5165	0.0007	FR				-I	50 (12)
	56158.4296	0.0066	AG				-I	29 (12)
GSC 03098-00252	56418.5081	0.0022	JU				o	90 (4)
GSC 03148-01402	55832.3914	0.0022	FR				V	43 (18)
GSC 03179-00125	56152.4598	0.0020	FR				o	31 (18)
GSC 03187-01564	56491.4309	0.0046	AG				-I	32 (12)
GSC 03209-02182	56159.5725	0.0010	FR				o	21 (18)
GSC 03578-00263	55857.3312	0.0016	FR				V	43 (18)
	55857.5194	0.0056	FR				V	43 (18)
GSC 03579-00488	55857.2513	0.0030	FR				V	23 (18)
	55857.5159	0.0020	FR				V	23 (18)
GSC 03581-01856	56152.4822	0.0015	FR				o	31 (18)
GSC 03583-00309	55857.4000	0.0026	FR				V	48 (18)
GSC 04009-00670	56133.4684	0.0154	AG	-0.0040	(2)		-I	44 (12)
GSC 04552-01498	56456.4694	0.0013	ALH				V	128 (7)
HAT 199-01628	55832.3120	0.0012	FR				V	45 (18)
	55832.5084	0.0019	FR				V	45 (18)
HAT 199-03655	55833.3808	0.0041	FR				-I	37 (12)
	56152.3887	0.0054	FR				-I	50 (12)
HAT 199-12172	55832.3328	0.0017	FR				V	42 (18)
HAT 199-14347	55833.4801	0.0025	FR				-I	66 (12)
HAT 199-15528	55832.4716	0.0046	FR				V	41 (18)
HAT 199-27597	55832.4706	0.0025	FR				V	40 (18)
HAT 199-34252	56179.5753	0.0070	FR				V	58 (18)
HAT 199-36298	55832.3633	0.0035	FR				V	85 (18)
	55832.5192	0.0032	FR				V	85 (18)
NSVS 109935	56356.3859	0.0004	AG				-I	22 (12)
	56371.6217	0.0018	AG				-I	30 (12)
NSVS 1305379	56485.4861	0.0057	AG				-I	21 (12)
NSVS 2465943	55966.6491	0.0006	RAT RCR				-U-I	203 (15)
NSVS 2636345	56408.3715	0.0032	AG				-I	34 (12)
	56408.5453	0.0026	AG				-I	34 (12)
NSVS 2871290	56400.5771	0.0035	AG				-I	23 (12)
NSVS 4073293	56151.5249	0.0017	FR				o	25 (18)
NSVS 4116978	56151.5089	0.0010	FR				o	33 (18)
NSVS 4323441	56334.4208	0.0073	AG				-I	36 (12)
NSVS 4732433	56355.3782	0.0116	AG				-I	50 (12)
	56371.4533	0.0028	AG				-I	29 (12)
NSVS 4863977	55968.3943	0.0010	RAT RCR				-U-I	167 (15)
	56006.5994	0.0004	RAT RCR				-U-I	234 (15)
NSVS 6115851	56159.5430	0.0003	FR				o	29 (18)
NSVS 6143186	56159.4492	0.0041	FR				o	46 (18)
NSVS 7102202	56334.4073	0.0069	AG				-I	36 (12)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
NSVS 7334235	56355.4202	0.0014	FR			V	54	18)
NSVS 7336417	56355.3507	0.0037	FR			V	44	18)
	56355.5325	0.0022	FR			V	44	18)
NSVS 7358116	56355.4536	0.0013	FR			V	18	18)
NSVS 7365626	56355.3283	0.0020	FR			V	25	18)
NSVS 7619496	56400.4473	0.0062	AG			-I	23	12)
NSVS 772055	55966.6138	0.0003	RAT RCR			-U-I	256	15)
NSVS 8385361	56167.3451	0.0022	FR			V	81	18)
NSVS 8744913	56408.4166	0.0067	AG			-I	34	12)
NSVS 8878981	56159.4132	0.0030	FR			o	53	18)
NSVS 958941	56408.4323	0.0049	AG			-I	34	12)
NSVS 99914	56356.3609	0.0054	AG			-I	21	12)
ROTSE1 J130705.50	56407.4192	0.0187	AG			-I	36	12)
ROTSE1 J175527.44	56485.4407	0.0014	AG			-I	20	12)
SAVS 025750+494214	56187.3920	0.0019	FR			V	42	18)
UCAC3 169-055676	54499.4475	0.0006	FR			V	46	8)
UCAC3 170-058819	55970.3894	0.0020	FR			-I	42	12)
UCAC3 213-102451	54942.538	0.003	FR			-I	31	12)
	55623.3942	0.0013	FR			-I	53	12)
	55623.5592	0.0014	FR			-I	53	12)
UCAC3 220-058696	50519.4101	0.0028	FR			o	37	10)
	50520.3910	0.0034	FR			o	35	10)
	53670.6286	0.0016	FR			-I	35	10)
	54080.3641	0.0029	FR			-I	24	10)
	54148.3856	0.0013	FR			-I	33	10)
	54148.5401	0.0006	FR			-I	33	10)
	54532.3841	0.0033	FR			-I	18	12)
UCAC3 231-243155	55830.5156	0.0012	FR			o	40	18)
UCAC3 240-187355	56179.3864	0.0009	FR			-I	46	12)
UCAC3 241-193174	50360.3944	0.0004	FR			o	46	10)
	50369.3966	0.0007	FR			o	58	10)
	50370.3803	0.0011	FR			o	31	10)
	50371.3599	0.0011	FR			o	23	10)
	50380.3595	0.0008	FR			o	33	10)
	50381.3417	0.0008	FR			o	29	10)
	50382.3204	0.0008	FR			o	18	10)
	50390.3427	0.0018	FR			o	29	10)
	50391.3223	0.0009	FR			o	28	10)
	50392.3054	0.0007	FR			o	30	10)
	54023.3390	0.0023	FR			o	20	10)
UCAC3 244-187342	53660.3246	0.0013	FR			-I	39	10)
	55084.3232	0.0036	FR			-I	204	12)
	55084.6018	0.0013	FR			-I	204	12)
	55837.2764	0.0010	FR			-I	93	12)
UCAC3 248-199991	55067.3589	0.0007	FR			-I	47	12)
UCAC3 248-200530	54712.4647	0.0032	FR			-I	14	12)
UCAC3 248-205306	55067.3821	0.0019	FR			-I	48	12)
UCAC3 249-240568	54682.5097	0.0008	FR			-I	78	12)
UCAC3 250-193174	56152.4839	0.0024	FR			-I	25	12)
UCAC3 250-197400	55067.5112	0.0020	FR			-I	23	12)
	56152.5504	0.0029	FR			-I	25	12)
UCAC3 323-013086	55944.4282	0.0014	JU			o	93	4)
	56188.3748	0.0019	JU			o	66	4)
	56199.3614	0.0014	JU			o	70	4)
U-A2 1275-15124020	56491.4084	0.0016	AG	+0.0202	s (1)	-I	33	12)
U-B1 1503-0282065	56490.4745	0.0008	AG			-I	32	12)
VSX J034501.2+493659	56187.3440	0.0022	FR			V	47	18)
	56187.5329	0.0026	FR			V	47	18)
VSX J194336.7+322520	55837.2728	0.0020	FR			-I	68	12)
	55837.4570	0.0014	FR			-I	68	12)

Table 2: Times of maxima of pulsating stars

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
GP And	56516.3992	0.0006	FLG	+0.0058	(6)	V	77	13)
	56516.4780	0.0006	FLG	+0.0059	(6)	V	77	13)
V651 Aur	56355.359	0.002	AG	-0.062	(6)	-I	51	12)
SZ Boo	56408.402	0.001	AG	+0.000	(6)	-I	27	12)
TV Boo	56418.478	0.001	AG	+0.022	(6)	-I	32	12)
WZ Boo	55703.5811	0.0013	MZ	+0.0123	(6)	-I	82	5)
WZ Boo	55714.5506	0.0030	MZ	+0.0094	(6)	-I	67	5)
	56451.4574	0.0020	MZ	+0.0339	(6)	-I	93	5)
RR CVn	56407.4367	0.0013	MZ	+0.0127	(6)	-I	76	5)
RU CVn	56418.347	0.001	AG	+0.237	(6)	-I	32	12)
AP CVn	56408.4163	0.0015	MZ	-0.2594	(6)	-I	120	5)
	56431.3990	0.0015	MZ	-0.2627	(6)	-I	118	5)
	56458.4109	0.0020	MZ	-0.2594	(6)	-I	120	5)
FP Cep	56490.399	0.001	AG	-0.041	(6)	-I	32	12)
BT Com	56014.4676	0.0014	MZ	+0.1037	(6)	-I	58	5)
	56072.3922	0.0016	MZ	+0.1002	(6)	-I	104	5)
UY Cyg	56490.4375	0.0019	ALH	+0.0629	(6)	V	330	7)
XZ Cyg	56486.4212	0.0019	ALH	+0.0316	(6)	V	528	7)
DM Cyg	56507.5579	0.0009	ALH	+0.0751	(6)	o	365	7)
NS Cyg	56480.4573	0.0015	MZ	+0.2502	(6)	-I	108	5)
	56485.4151	0.0013	MZ	+0.2553	(6)	-I	114	5)
	56486.5150	0.0030	MZ	+0.2546	(6)	-I	107	5)
	56491.4609	0.0014	MZ	+0.2478	(6)	-I	139	5)
	56513.4711	0.0019	MZ	+0.2460	(6)	-I	126	5)
V833 Cyg	56105.4138	0.0011	MZ	-0.1707	(6)	-I	78	5)
	56493.4330	0.0011	MZ	-0.1741	(6)	-I	119	5)
	56500.4305	0.0013	MZ	-0.1728	(6)	-I	119	5)
	56528.4150	0.0010	MZ	-0.1733	(6)	-I	119	5)
DX Del	56504.4903	0.0011	ALH	+0.0676	(6)	o	588	7)
SU Dra	56408.483	0.001	AG	+0.063	(6)	-I	34	12)
	56480.4650	0.0017	ALH	+0.0587	(6)	V	403	7)
VZ Dra	56493.5450	0.0014	ALH	+0.0612	(6)	V	242	7)
XZ Dra	56489.5240	0.0008	ALH	-0.1218	(6)	V	409	7)
BK Dra	56498.4769	0.0018	ALH	-0.1639	(6)	V	547	7)
DD Dra	56485.4729	0.0016	ALH	-0.0471	(6)	V	159	7) 1)
	56485.5056	0.0016	ALH	-0.0144	(6)	V	159	7) 2)
OW Dra	56408.387	0.001	AG	+0.009	(6)	-I	34	12)
DT Gem	56295.483	0.001	QU	-0.261	(6)	V	60	5)
	56355.4134	0.0007	QU	-0.2366	(6)	V	85	5)
VZ Her	56450.4893	0.0013	ALH	+0.0704	(6)	V	464	7)
CK Her	56490.4686	0.0013	MZ	-0.0185	(6)	-I	113	5)
CM Her	56490.4639	0.0013	MZ	+0.1180	(6)	-I	113	5)
V633 Her	56487.4411	0.0013	MZ	-0.0009	(5)	-I	95	5)
V862 Her	56489.4368	0.0020	MZ			-I	107	5)
CZ Lac	56520.5527	0.0008	ALH	-0.1311	(6)	o	719	7)
RV Leo	56418.3672	0.0011	MZ	-0.0825	(6)	-I	83	5)
RW Lyn	56355.522	0.001	AG	-0.178	(6)	-I	50	12)
TW Lyn	56355.385	0.001	AG	+0.062	(6)	-I	50	12)
WZ Lyn	56355.470	0.001	AG			-I	47	12)
RZ Lyr	56487.4064	0.0010	ALH	-0.0579	(6)	V	341	7)
ZZ Lyr	56495.4829	0.0008	MZ	+0.0029	(6)	-I	71	5)
AQ Lyr	56460.4321	0.0010	WLH	+0.0035	(6)	-U-I	112	6)
CN Lyr	56474.4397	0.0014	ALH	+0.0138	(6)	V	322	7)
DD Lyr	56447.4723	0.0014	MZ	-0.1311	(6)	-I	111	5)
	56450.4527	0.0009	MZ	-0.1316	(6)	-I	124	5)
DI Lyr	56482.4144	0.0013	MZ	-0.0678	(6)	-I	114	5)
	56525.4095	0.0013	MZ	-0.0700	(6)	-I	120	5)

Table 2: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
EZ Lyr	56463.4066	0.0010	ALH	-0.1457	(6)	V	469	7)
IO Lyr	56475.4860	0.0012	ALH	-0.0477	(6)	V	314	7)
V462 Lyr	56521.4141	0.0023	WLH	-0.0215	(6)	-U-I	132	4)
AV Peg	56522.5384	0.0010	ALH	+0.1516	(6)	V	353	7)
BP Peg	56519.4246	0.0017	WLH	+0.0101	(6)	-U-I	104	4)
	56520.5192	0.0007	WLH	+0.0093	(6)	-U-I	140	4)
DY Peg	56510.3929	0.0008	FLG RDL	-0.0133	(6)	o	151	9)
	56510.4664	0.0007	FLG RDL	-0.0128	(6)	o	151	9)
BO Tau	56257.5028	0.0014	MZ	+0.1838	(6)	-I	60	5)
	56356.3249	0.0010	MZ	+0.1850	(6)	-I	119	5)
IY Tau	56337.4148	0.0013	MZ	+0.1541	(6)	-I	105	5)
	56354.3279	0.0030	MZ	+0.1252	(6)	-I	63	5)
AB UMa	56400.554	0.004	AG	+0.146	(6)	-I	20	12)
AE UMa	56342.3644	0.0003	SCI	+0.0026	(6)	o	66	4)
	56342.4461	0.0003	SCI	-0.0017	(6)	o	38	4)
	56342.5315	0.0009	SCI	-0.0024	(6)	o	32	4)
	56342.6268	0.0005	SCI	+0.0069	(6)	o	38	4)
GSC 02655-01364	56093.4626	0.0050	RAT RCR			-U-I	217	15)
GSC 02656-01095	53660.370	0.003	FR			-I	40	10)
	55084.424	0.002	FR			-I	68	12)
	55481.452	0.004	FR			-I	50	12)
GSC 03137-00318	55062.532	0.002	FR			-I	48	12)
GSC 08459-00201	56156.3409	0.0008	WLH			-U-I	84	4)
	56156.4516	0.0007	WLH			-U-I	84	4)
HAT 199-01886	55832.3680	0.0020	FR			V	90	18)
NSV 8701	56072.4778	0.0004	RAT RCR			-U-I	178	15)

Observers:

AG:	Agerer, F., Tiefenbach
ALH:	Alich, K., Schaffhausen
BHE:	Böhme, D., Nessa
FLG:	Flehsig, Dr. G., Teterow
FR:	Frank, P., Velden
HUN:	Hunger, T., Warstein
JU:	Jungbluth, H., Karlsruhe
MZ:	Maintz, Dr. G., Bonn
QU:	Quester, W., Esslingen
RAT:	Rätz, M., Herges-Hallenberg
RCR:	Rätz, K., Herges-Hallenberg
RDL:	Rudolph, E., Jena
SCI:	Schmidt, U., Karlsruhe
WLH:	Wollenhaupt, G., Oberwiesenthal
WTR:	Walter, F., München

Remarks:

n	number of measurements
:	uncertain
s	secondary minimum
(1)	double maximum: time of the first maximum
(2)	double maximum: time of the second maximum
	Photometer
(3)	CCD camera ST-6: chip 375*242 uncoated
(4)	CCD camera ST-7
(5)	CCD camera ST-7E
(6)	CCD camera ST-7 XE
(7)	CCD camera ST-8 XMEI
(8)	CCD camera ST-9: chip 512*512
(9)	CCD camera Sigma 402: chip KAF0402ME
(10)	CCD camera OES-LcCCD11
(11)	CCD camera OES-LcCCD12
(12)	CCD camera Sigma 1603
(13)	CCD camera Sigma 402
(14)	CCD camera Sigma 402ME
(15)	CCD camera Moravian G2-1600
(16)	CCD camera Mead DSI Pro 3
(17)	camera Canon powershot g3
(18)	camera Canon EOS 450D
	Filter
o	without filter
B	B-filter
V	V-filter
R	R-filter
-I	IR cut-off filter
-U-I	U and IR cut-off filter

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ERRATUM FOR IBVS 6070 (BAVM 231)

V366 Cas 56158.434 AG has to be deleted

ERRATUM FOR IBVS 6084 (BAVM 232)

BI CVn 56407.4389 AG has to be deleted