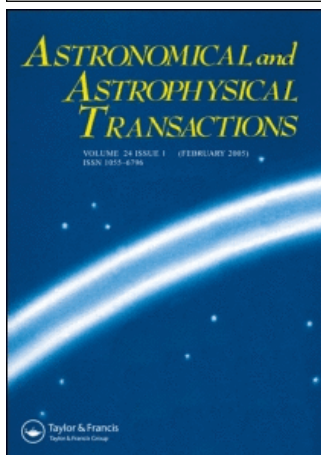


This article was downloaded by:[Bochkarev, N.]  
On: 19 December 2007  
Access Details: [subscription number 788631019]  
Publisher: Taylor & Francis  
Informa Ltd Registered in England and Wales Registered Number: 1072954  
Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



## Astronomical & Astrophysical Transactions

### The Journal of the Eurasian Astronomical Society

Publication details, including instructions for authors and subscription information:  
<http://www.informaworld.com/smpp/title~content=t713453505>

#### Photoelectric observations of cepheids. V

L. N. Berdnikov<sup>a</sup>

<sup>a</sup> Department of Astronomy, Saratov University, Saratov, USSR

Online Publication Date: 01 May 1992

To cite this Article: Berdnikov, L. N. (1992) 'Photoelectric observations of cepheids. V', *Astronomical & Astrophysical Transactions*, 2:1, 43 - 105

To link to this article: DOI: 10.1080/10556799208205335

URL: <http://dx.doi.org/10.1080/10556799208205335>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article maybe used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

# PHOTOELECTRIC OBSERVATIONS OF CEPHEIDS. V

L. N. BERDNIKOV

*Department of Astronomy, Saratov University, Astrakhanskaya 83,  
Saratov, 410071, USSR*

*(30 August 1991)*

2983 UBVR observations on the Johnson system for 104 Cepheids obtained in the 1988 season are presented.

KEY WORDS Cepheids, photometry

The observational program was carried out in 1988 at the Mt. Maidanak Observatory of the Tashkent Astronomical Institute with a 0.6-meter reflector, equipped with a photon-counting photometer. Mainly, the “all sky” method was used. A full description of the observational technique and reduction procedure can be found in Berdnikov (1986).

The observations are listed in Table 1 in alphabetical order of the constellations. The standard deviation for every magnitude and colour in the table is  $\sim 0^m.02$ . The light and colour curves are shown in Figures 1–16. The light elements used were taken from the fourth edition of the General Catalogue of Variable Stars (Kholopov *et al.*, 1985a, 1985b, 1987).

These results will be discussed elsewhere.

It is a pleasure to thank Dr. V. S. Shevchenko for the considerable blocks of observing time necessary to carry out these observations.

## References

- Berdnikov, L. N. (1986), *Variable Stars*, **22**, 369.  
Kholopov, P. N., Samus', N. N., Frolov, M. S., Goranskij, V. P., Gorynya, N. A., Kireeva, N. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B. and Shugarov, S. Yu. (1985a) *General Catalogue of Variable Stars*, v.I, Nauka, Moscow.  
Kholopov, P. N., Samus', N. N., Frolov, M. S., Goranskij, V. P., Gorynya, N. A., Kazarovets, E. V., Kireeva, N. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Perova, N. B., Rastorguev, A. S. and Shugarov, S. Yu. (1985b) *General Catalogue of Variable Stars*, v.II, Nauka, Moscow.  
Kholopov, P. N., Samus', N. N., Frolov, M. S., Goranskij, V. P., Gorynya, N. A., Karitskaya, E. A., Kazarovets, E. V., Kireeva, N. N., Kukarkina, N. P., Kurochkin, N. E., Medvedeva, G. I., Pastukhova, E. N., Perova, N. B. and Shugarov, S. Yu. (1987) *General Catalogue of Variable Stars*, v.III, Nauka, Moscow.

Table 1

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	U Aql					SZ Aql			
7399.1484	6.387	0.700	1.076	0.867	7400.2285	9.151	1.744	1.782	1.335
7401.1255	6.675	0.908	1.241	0.944	7402.2003	9.150	1.520	1.699	1.283
7402.2208	6.817	0.853	1.233	0.955	7403.1935	9.031	-	1.588	1.246
7403.2231	6.444	0.580	1.014	0.840	7404.1955	8.896	-	1.502	1.195
7404.1975	6.060	0.490	0.875	0.729	7407.2101	8.058	0.730	1.164	0.979
7407.2130	6.574	0.786	1.204	0.925	7408.1795	8.146	0.818	1.249	1.005
7408.1824	6.684	0.874	1.231	0.956	7409.1954	8.253	-	1.321	1.075
7409.2012	6.800	-	1.237	0.961	7410.2033	8.372	1.030	1.428	1.119
7410.1259	6.440	0.593	1.063	0.860	7411.2247	8.479	1.151	1.500	1.180
7411.1197	6.091	0.502	0.861	0.761	7413.1877	8.652	-	1.625	1.231
7412.1246	-	0.576	1.016	-	7414.1741	8.781	1.473	1.678	1.266
7413.1132	6.332	0.674	1.059	0.850	7415.1752	8.903	1.573	1.745	1.285
7414.1158	6.579	0.804	1.167	0.924	7416.1826	8.999	1.654	1.799	1.278
7415.1187	6.665	0.884	1.244	0.947	7417.1765	9.090	-	1.777	1.308
7416.1140	6.830	0.863	1.265	0.979	7418.1795	9.152	-	1.775	1.295
7417.1113	6.493	0.603	1.108	0.867	7420.1618	9.020	-	1.642	1.242
7418.1134	6.033	0.532	0.862	0.721	7421.1543	8.884	-	1.534	1.215
7419.1084	6.220	0.614	0.985	0.799	7422.1583	8.911	-	1.517	1.184
7420.1080	6.341	0.654	1.096	0.868	7423.1468	8.309	0.798	1.234	1.014
7421.1064	6.550	0.747	1.209	0.947	7424.1528	7.973	0.725	1.130	0.939
7422.1035	-	0.883	-	-	7425.1593	8.131	0.809	1.225	0.996
7423.1047	6.814	0.886	1.245	0.967	7427.1659	8.357	1.028	1.397	1.108
7424.1018	6.555	0.567	1.099	0.887	7428.1486	8.441	1.149	1.481	1.152
7425.1054	6.061	0.494	0.886	0.730	7429.1451	8.546	1.220	1.588	1.190
7427.1058	6.303	0.674	1.079	0.853	7430.1311	8.655	1.368	1.596	1.229
7428.0998	6.525	0.750	1.170	0.929	7431.1347	8.763	1.446	1.664	1.253
7429.1086	6.657	0.853	1.240	0.954	7432.1282	8.875	-	1.725	1.276
7430.0982	6.806	0.893	1.256	0.953	7433.1331	9.027	-	1.761	1.314
7431.0979	6.539	0.626	1.097	0.871	7434.1374	9.123	-	1.766	1.319
7432.0964	6.041	0.476	0.913	0.729		TT Aql			
7433.0933	6.188	0.581	0.970	0.806	7399.2573	7.326	0.961	1.363	1.055
7434.0952	6.344	0.650	1.092	0.859	7400.2312	7.125	0.753	1.246	1.018
	SZ Aql				7401.2176	6.520	0.642	0.993	0.850
7399.2436	9.054	1.716	1.778	1.305	7402.2040	6.710	0.719	1.119	0.913

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
TT Aql					EV Aql				
7403.1945	6.835	-	1.180	0.975	7404.1932	11.892	-	1.610	1.327
7404.1960	6.936	0.951	1.303	1.011	7407.2081	11.989	-	1.701	1.391
7407.2124	7.323	1.333	1.529	1.157	7408.1770	11.988	-	1.706	1.371
7408.1804	7.428	1.400	1.584	1.161	7409.1937	12.022	-	1.704	1.406
7409.1955	7.568	-	1.600	1.206	7410.1987	12.058	-	1.771	1.386
7410.2035	7.633	1.419	1.601	1.201	7411.2196	12.099	-	1.745	1.401
7411.2282	7.579	1.262	1.519	1.169	7412.2652	12.165	-	1.771	1.416
7413.1881	7.295	0.957	1.351	1.078	7413.1843	12.126	-	1.766	1.398
7414.1748	6.947	0.729	1.170	0.952	7414.1692	12.176	-	1.775	1.406
7415.1783	6.584	0.643	1.066	0.874	7415.1728	12.208	-	1.791	1.422
7416.1830	6.713	0.761	1.149	0.927	7416.1780	12.255	-	1.788	1.423
7417.1777	6.812	0.836	1.255	0.979	7417.1621	12.237	-	1.818	1.397
7418.1799	6.945	0.969	1.345	1.033	7418.1637	12.280	-	1.783	1.409
7419.1578	7.042	1.120	1.402	1.060	7419.1531	12.248	-	1.784	1.382
7420.1629	7.185	1.220	1.494	1.121	7420.1581	12.308	-	1.787	1.384
7421.1548	7.306	1.373	1.533	1.148	7421.1507	12.299	-	1.746	1.402
7422.1602	7.471	1.431	1.584	1.162	7422.1543	12.312	-	1.765	1.383
7423.1497	7.569	1.471	1.616	1.182	7423.1436	12.239	-	1.705	1.375
7424.1544	7.621	1.449	1.566	1.211	7424.1464	12.179	-	1.648	1.359
7425.1604	7.534	1.238	1.493	1.157	7425.1520	12.023	-	-	1.308
7427.1679	7.320	0.945	1.324	1.060	7427.1585	11.802	-	1.448	1.216
7428.1511	6.741	0.672	1.075	0.885	7428.1432	11.662	-	1.399	1.177
7429.1476	6.644	0.642	1.094	0.897	7429.1408	11.612	-	1.399	1.185
7430.1327	6.730	0.743	1.145	0.938	7430.1282	11.560	-	1.364	1.171
7431.1367	6.852	0.851	1.260	1.001	7431.1291	11.567	-	1.381	1.153
7432.1295	6.965	-	-	-	7432.1239	11.561	-	1.399	1.154
7433.1344	7.117	1.129	1.441	1.113	7433.1296	11.606	-	1.425	1.214
7434.1389	7.217	1.268	1.491	1.133	7434.1347	11.611	-	1.433	1.182
EV Aql					FN Aql				
7399.2510	11.747	-	1.509	1.302	7409.2006	8.610	-	1.396	1.125
7400.2348	11.769	-	1.561	1.286	7410.2187	8.690	1.045	1.378	1.128
7401.2224	11.770	-	1.583	1.293	7411.2292	8.553	0.854	1.300	1.083
7402.2066	11.806	-	1.631	1.288	7413.1899	8.292	0.726	1.190	0.992
7403.1960	11.892	-	1.580	1.326	7414.1780	8.105	0.657	1.107	0.948

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
FN Aql					V916 Aql				
7415.1792	8.124	0.698	1.184	0.970	7421.1528	10.615	-	1.778	1.397
7416.1848	8.225	0.798	1.251	1.020	7422.1566	10.695	-	1.856	1.421
7417.1782	8.362	0.906	1.330	1.064	7423.1452	10.876	-	1.923	1.480
7418.1812	8.543	1.037	1.384	1.105	7424.1493	11.000	-	1.986	1.503
7419.1587	8.638	1.051	1.409	1.115	7425.1572	11.118	-	1.990	1.512
7420.1637	8.642	-	1.367	1.099	7427.1622	11.236	-	1.985	1.515
7421.1560	8.453	0.874	1.267	1.034	7428.1459	11.097	-	1.934	1.467
7422.1609	8.343	-	1.199	0.979	7429.1430	10.953	-	1.834	1.429
7423.1502	8.205	0.725	1.157	0.961	7430.1301	10.875	-	1.734	1.388
7424.1566	8.145	0.715	1.157	0.984	7431.1315	10.420	-	1.528	1.265
7425.1620	8.172	0.767	1.197	0.990	7432.1265	10.317	-	1.571	1.274
7427.1700	8.480	0.984	1.358	1.082	7433.1309	10.457	-	1.658	1.328
7428.1532	8.604	1.046	1.417	1.107	7434.1361	10.578	-	1.729	1.373
7429.1497	8.683	1.015	1.422	1.123	RX Aur				
7430.1342	8.551	0.818	1.317	1.066	7401.4873	7.624	-	1.005	0.834
7431.1376	8.428	0.777	1.235	1.026	7402.4631	7.732	0.769	1.087	0.880
7432.1306	8.296	0.741	1.187	0.985	7403.4925	7.846	-	1.148	0.902
7433.1363	8.122	0.671	1.125	0.941	7404.4843	7.951	-	1.166	0.904
7434.1400	8.126	0.702	1.165	0.966	7407.4639	7.773	0.573	0.967	0.841
V496 Aql					7408.4615	7.626	0.539	0.933	0.775
7400.2367	7.738	-	1.184	0.986	7409.4569	7.456	0.450	0.811	0.746
7401.2246	7.799	0.849	1.229	0.991	7410.4603	7.304	0.437	0.772	0.719
V916 Aql					7411.4712	7.457	0.484	0.895	0.794
7409.1986	10.799	-	1.879	1.463	7413.4641	7.701	0.670	1.003	-
7410.2009	10.929	-	1.959	1.480	7414.4753	7.770	-	1.103	0.887
7411.2226	11.070	-	1.990	1.524	7415.4766	7.905	-	1.142	0.919
7413.1863	11.212	-	2.017	1.538	7416.4690	7.979	0.808	1.162	0.926
7414.1708	11.183	-	1.971	1.495	7417.4129	7.979	0.730	1.113	0.910
7415.1741	11.019	-	1.883	1.462	7418.4148	7.889	0.616	1.026	0.870
7416.1803	10.925	-	1.803	1.417	7419.4021	7.771	0.590	0.982	0.837
7417.1642	10.718	-	1.691	1.357	7420.3974	7.610	0.501	0.898	0.780
7418.1657	10.340	-	1.567	1.249	7421.3905	7.353	0.419	0.804	0.714
7419.1538	10.329	-	1.578	-	7422.4717	7.296	0.480	0.797	0.718
7420.1606	10.504	-	1.712	1.335	7423.4881	7.483	0.570	0.905	0.798

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
RX Aur					YZ Aur				
7424.4099	7.569	0.646	0.947	0.834	7430.4132	10.777	-	1.608	1.313
7425.4546	7.703	0.704	1.044	0.856	7432.4616	10.533	-	1.406	1.244
7427.4636	7.942	0.799	1.202	0.915	7433.4419	10.527	-	1.391	1.209
7428.3804	7.985	0.823	1.153	0.914	7434.4518	10.497	-	1.322	1.172
7430.4064	7.823	0.575	1.020	0.853	AN Aur				
7431.4692	7.707	0.560	0.930	0.804	7401.4843	10.347	-	1.233	1.023
7432.4562	7.476	0.547	0.840	0.764	7402.4606	10.464	-	1.305	1.084
7433.4381	7.338	0.431	0.795	0.731	7403.4905	10.583	-	1.365	1.111
7434.4429	7.419	0.515	0.849	0.770	7404.4805	10.746	-	1.404	1.152
YZ Aur					7407.4622	10.467	-	1.178	1.048
7401.4940	9.995	-	1.174	1.058	7408.4589	10.224	-	1.123	0.941
7402.4685	10.059	-	1.258	1.111	7409.4555	10.306	-	1.169	0.992
7403.4987	10.103	-	1.350	1.139	7410.4597	10.155	-	1.078	0.977
7404.4881	10.208	-	1.396	1.199	7411.4704	10.293	-	1.175	1.042
7407.4693	10.405	-	1.497	1.267	7413.4626	10.566	-	1.312	1.120
7408.4656	10.500	-	1.552	1.283	7414.4744	10.689	-	1.376	1.156
7409.4616	10.630	-	1.576	1.311	7415.4756	10.822	-	1.398	1.164
7410.4654	10.707	-	1.570	1.325	7416.4669	10.790	-	1.368	1.120
7411.4759	10.766	-	1.583	1.335	7417.4117	10.555	-	1.221	1.065
7413.4681	10.716	-	1.450	1.295	7418.4139	10.334	-	1.089	1.001
7414.4786	10.527	-	1.409	1.201	7419.4013	10.307	-	1.131	1.001
7415.4801	10.526	-	1.376	1.182	7420.3969	10.171	-	1.121	0.945
7416.4735	10.442	-	1.305	1.149	7421.3898	10.177	-	1.136	0.978
7417.4154	10.073	-	1.144	1.061	7422.4708	10.334	-	1.208	1.054
7418.4182	9.974	-	1.111	1.060	7423.4872	10.475	-	1.310	1.080
7419.4068	10.015	-	1.188	1.083	7424.4092	10.624	-	1.348	1.120
7420.4007	10.013	-	1.258	1.095	7425.4544	10.793	-	1.379	1.150
7421.3944	10.093	-	1.323	1.122	7427.4629	10.636	-	1.304	1.072
7422.4744	10.119	-	-	1.170	7428.3775	10.401	-	1.156	0.996
7423.4931	10.239	-	1.436	1.217	7430.4054	10.272	-	1.127	0.998
7424.4125	10.326	-	1.453	1.245	7431.4674	10.138	-	1.099	0.958
7425.4581	10.435	-	1.497	1.264	7432.4545	10.340	-	1.197	1.053
7427.4678	10.614	-	1.631	1.295	7433.4357	10.475	-	1.309	1.101
7428.3866	10.682	-	1.592	1.300	7434.4408	10.604	-	1.338	1.132

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
AX Aur					ER Aur				
7408.4958	12.323	-	1.059	-	7417.4141	11.759	-	1.237	1.062
7413.4966	12.625	-	1.211	1.122	7418.4164	11.747	-	1.183	1.061
7414.4969	12.420	-	1.130	-	7419.4049	11.688	-	1.193	1.032
7415.4993	12.329	-	1.105	-	7420.3994	11.579	-	1.124	1.013
7416.4985	12.584	-	1.227	1.076	7421.3931	11.427	-	1.066	0.975
7417.4937	12.462	-	1.152	0.970	7422.4733	11.183	-	0.920	0.936
7418.4924	12.298	-	1.105	1.007	7423.4905	11.171	-	0.991	0.898
7419.4966	12.515	-	1.258	1.046	7424.4116	11.269	-	0.985	0.940
7420.4975	12.512	-	1.151	1.015	7425.4564	11.372	-	1.048	0.975
7421.4966	12.283	-	1.089	0.996	7427.4664	11.507	-	1.190	1.017
7422.4963	12.546	-	1.220	1.058	7428.3837	11.584	-	1.181	1.054
7424.4919	12.223	-	1.080	0.942	7430.4101	11.717	-	1.259	1.087
7425.4903	12.570	-	1.202	1.063	7431.4717	11.786	-	1.262	1.099
7427.4938	12.251	-	1.086	0.961	7432.4582	11.776	-	1.199	1.115
7428.4839	12.584	-	1.249	1.077	7433.4392	11.794	-	1.225	1.116
7430.4978	12.232	-	1.079	0.984	7434.4453	11.704	-	1.173	1.057
7431.4989	12.542	-	1.187	1.066	EW Aur				
7432.4925	12.596	-	1.200	1.089	7402.4543	13.347	-	0.991	0.942
7433.4720	12.235	-	1.047	0.997	7403.4859	13.526	-	1.132	1.006
7434.4877	12.495	-	1.223	1.040	7404.4786	13.828	-	1.145	1.071
ER Aur					7408.4544	13.382	-	1.019	0.981
7401.4898	11.788	-	1.233	1.078	7409.4318	13.748	-	1.206	1.101
7402.4654	11.746	-	1.196	1.061	7410.4511	13.286	-	0.989	0.838
7403.4942	11.679	-	1.162	1.045	7411.4618	13.563	-	1.120	1.077
7404.4865	11.617	-	1.147	1.000	7413.3964	13.122	-	0.898	0.871
7407.4665	11.171	-	0.945	0.909	7414.4616	13.647	-	1.216	1.065
7408.4629	11.213	-	1.048	0.916	7415.4622	13.841	-	1.193	1.052
7409.4589	11.351	-	1.073	0.964	7416.4055	13.352	-	1.073	0.965
7410.4624	11.432	-	1.094	0.999	7417.4023	13.715	-	1.233	1.046
7411.4729	11.486	-	1.132	1.043	7418.4058	13.378	-	0.978	0.919
7413.4652	11.665	-	1.206	1.090	7419.3913	13.535	-	1.180	1.054
7414.4778	11.693	-	1.234	1.091	7421.3834	13.122	-	0.916	0.864
7415.4788	11.755	-	1.254	1.093	7422.3748	13.572	-	1.166	1.048
7416.4701	11.792	-	1.257	1.121	7423.4781	13.795	-	1.164	1.073

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
		EW Aur					GT Aur		
7424.4004	13.389	-	0.990	1.024	7404.4962	11.871	-	0.758	0.677
7425.4491	13.742	-	1.159	1.068	7407.4828	12.509	-	0.967	0.814
7427.4470	13.538	-	1.184	0.981	7408.4727	11.709	-	0.647	0.641
7428.4616	13.816	-	1.251	1.047	7409.4682	12.109	-	0.860	0.761
7430.3845	13.651	-	1.229	1.064	7410.4719	12.424	-	0.956	0.821
7431.4415	13.836	-	1.179	1.035	7411.4806	12.569	-	0.996	0.885
7432.4394	13.358	-	1.044	0.980	7413.4742	12.001	-	0.724	0.745
7433.4004	13.762	-	1.169	1.106	7414.4879	12.291	-	0.906	0.829
		FF Aur			7415.4889	12.531	-	1.039	-
7409.4465	13.976	-	1.036	1.033	7416.4836	12.472	-	0.904	0.848
7410.4547	13.648	-	0.873	0.866	7417.4797	11.788	-	0.672	0.639
7411.4674	13.872	-	1.112	0.949	7418.4776	12.175	-	0.885	0.803
7413.4034	13.788	-	0.989	0.958	7419.4808	12.362	-	1.005	0.857
7414.4705	14.129	-	1.120	0.998	7420.4800	12.568	-	1.029	0.864
7415.4563	13.737	-	1.007	0.928	7421.4832	11.708	-	0.649	0.601
7416.3985	14.112	-	1.173	1.008	7422.4810	11.967	-	0.786	0.709
7417.3976	13.562	-	0.941	0.848	7423.5031	12.351	-	0.948	0.855
7418.3990	14.076	-	1.127	1.023	7424.4228	12.536	-	0.996	0.884
7419.3864	13.477	-	0.923	0.882	7425.4660	12.285	-	0.831	0.751
7420.3844	14.051	-	1.108	1.022	7427.4750	12.248	-	0.929	0.804
7421.3791	13.241	-	0.861	0.743	7428.3960	12.462	-	0.986	0.867
7422.3675	13.953	-	1.122	1.021	7430.4225	11.714	-	0.661	0.646
7423.4704	13.195	-	0.792	0.748	7431.4818	12.127	-	0.828	0.761
7424.3918	13.983	-	1.069	1.008	7432.4722	12.370	-	0.970	0.859
7425.4436	13.116	-	0.708	0.736	7433.4503	12.573	-	1.080	0.882
7427.4398	13.495	-	0.910	0.800	7434.4631	11.993	-	0.717	0.689
7428.3589	13.845	-	1.049	0.962			GV Aur		
7430.3784	13.731	-	1.070	0.864	7402.4977	12.141	-	1.297	1.128
7431.4193	14.139	-	1.078	1.042	7404.5053	12.495	-	1.415	1.215
7432.4213	13.711	-	0.969	0.976	7407.4960	12.066	-	1.270	1.115
7433.3963	14.122	-	1.132	0.907	7408.4812	12.252	-	1.373	1.172
7434.4059	13.607	-	0.967	0.954	7409.4783	12.453	-	1.428	1.169
		GT Aur			7410.4775	11.916	-	1.066	1.035
7402.4861	12.573	-	1.022	0.901	7411.4864	11.745	-	1.055	1.010



Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
GV Aur					V335 Aur				
7413.4783	12.247	-	1.299	1.184	7420.4769	11.938	-	0.956	0.882
7414.4864	12.431	-	1.387	1.188	7421.4791	12.474	-	1.237	1.078
7415.4867	12.233	-	1.236	1.100	7422.4775	12.728	-	1.261	1.142
7416.4807	11.637	-	1.027	0.950	7423.4950	12.416	-	1.082	1.021
7417.4776	11.965	-	1.199	1.074	7424.4153	12.282	-	1.067	1.030
7418.4765	12.173	-	1.287	1.163	7425.4601	12.695	-	1.250	1.129
7419.4782	12.281	-	1.393	1.152	7427.4709	12.060	-	1.028	0.922
7420.4777	12.418	-	1.357	1.148	7428.3891	12.528	-	1.194	1.106
7421.4813	11.574	-	0.967	0.927	7430.4154	12.122	-	1.018	0.921
7422.4785	11.836	-	1.099	1.052	7431.4760	12.388	-	1.179	1.026
7423.4991	12.117	-	1.276	1.133	7432.4651	12.706	-	1.263	1.184
7424.4168	12.321	-	1.311	1.189	7433.4455	12.822	-	1.309	1.130
7425.4631	12.506	-	1.358	1.182	7434.4549	12.162	-	1.037	0.963
7427.4718	11.827	-	1.150	1.035	RW Cam				
7428.3920	12.064	-	1.237	1.125	7401.4698	8.590	-	1.294	1.098
7430.4196	12.472	-	1.396	1.237	7402.4411	8.250	-	1.210	1.044
7431.4788	11.952	-	1.100	1.022	7403.4651	8.251	-	1.241	1.073
7432.4685	11.726	-	1.032	1.032	7404.4634	8.344	-	1.305	1.104
7433.4463	12.013	-	1.252	1.096	7407.4465	8.585	-	1.452	1.205
7434.4602	12.206	-	1.296	1.143	7408.4432	8.657	-	1.514	1.222
V335 Aur					7409.4200	8.780	-	1.494	1.259
7402.4932	12.871	-	1.325	1.167	7410.4376	8.881	-	1.512	1.293
7404.5027	12.527	-	1.224	1.109	7411.4490	8.967	-	1.530	1.291
7408.4777	12.660	-	1.314	1.111	7413.3841	9.068	-	1.462	1.285
7409.4757	12.880	-	1.286	1.171	7413.4575	9.089	-	1.456	1.299
7410.4749	12.123	-	0.971	0.963	7414.4520	9.008	-	1.451	1.249
7411.4840	12.596	-	1.198	1.140	7415.4508	8.880	0.757	1.425	1.216
7413.4759	11.946	-	0.914	0.895	7416.3913	8.801	-	1.399	1.185
7414.4831	12.440	-	1.153	1.070	7417.3933	8.779	-	1.359	1.168
7415.4853	12.757	-	1.287	1.143	7418.3944	8.360	-	1.212	1.096
7416.4780	12.797	-	1.207	1.140	7419.3797	8.224	-	1.217	1.063
7417.4759	12.228	-	1.051	0.991	7420.3800	8.284	-	1.282	1.079
7418.4736	12.635	-	1.269	1.138	7421.3748	8.379	-	1.361	1.123
7419.4753	12.756	-	1.328	1.136	7422.3593	-	-	1.412	1.135

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	RW Cam					AD Cam			
7423.4488	8.541	0.919	1.430	1.203	7424.3774	12.214	-	1.379	1.251
7424.3849	8.650	-	1.439	1.236	7425.3545	12.136	-	1.348	1.284
7425.4370	8.737	0.884	1.485	1.233	7427.4250	12.416	-	1.622	1.412
7427.4338	8.913	0.849	1.568	1.253	7428.3393	12.504	-	1.642	1.458
7428.3513	8.991	-	1.520	1.274	7430.3492	12.811	-	1.764	1.555
7428.4513	9.009	-	1.519	1.266	7431.3943	12.981	-	1.768	1.545
7430.3636	9.047	-	1.483	1.267	7432.3975	13.018	-	1.772	1.567
7430.4734	9.046	-	1.489	1.264	7433.3704	12.923	-	1.709	1.504
7431.4136	8.938	-	1.450	1.222	7434.3734	12.741	-	1.603	1.430
7432.4137	8.781	-	1.402	1.219		AM Cam			
7433.3795	8.859	-	1.388	1.206	7402.4330	13.580	-	1.690	1.421
7434.3857	8.510	0.734	1.256	1.103	7404.4590	13.424	-	1.476	1.361
7434.5149	8.486	-	1.231	1.101	7407.4438	13.750	-	1.669	1.479
	AD Cam				7408.4404	13.410	-	1.554	1.367
7401.4658	12.614	-	1.528	1.380	7409.4147	13.356	-	1.557	1.357
7402.4291	11.946	-	1.287	1.212	7410.4354	13.607	-	1.614	1.456
7403.4582	12.265	-	1.494	1.318	7411.4466	13.747	-	1.727	-
7404.4558	12.345	-	1.549	1.386	7413.3815	13.351	-	1.505	1.372
7407.4355	12.738	-	1.773	1.524	7414.4467	13.574	-	1.672	1.418
7408.4355	12.893	-	1.826	1.534	7415.4468	13.751	-	1.670	1.458
7409.4102	13.051	-	1.834	1.545	7416.3882	13.475	-	1.538	1.368
7410.4294	13.003	-	1.771	1.500	7417.3903	13.343	-	1.484	1.353
7411.4393	12.733	-	1.647	1.495	7418.3910	13.605	-	1.650	1.472
7413.3777	11.981	-	1.285	1.231	7419.3731	13.745	-	1.659	1.484
7414.4443	12.202	-	1.462	1.299	7420.3771	13.445	-	1.565	1.341
7415.4423	12.329	-	1.515	1.381	7421.3717	13.321	-	1.523	1.357
7416.3836	12.431	-	1.604	1.416	7422.3528	13.480	-	1.617	1.409
7417.3864	12.542	-	1.678	1.456	7423.4438	13.693	-	1.674	1.419
7418.3864	12.700	-	1.717	1.511	7424.3819	13.498	-	1.486	1.375
7419.3688	12.830	-	1.782	1.542	7425.3560	13.380	-	1.473	1.365
7420.3607	13.018	-	1.818	1.561	7427.4272	13.734	-	1.715	1.478
7421.3665	13.036	-	1.778	1.523	7428.3456	13.490	-	1.488	1.337
7422.3503	12.845	-	1.631	1.478	7430.3528	13.582	-	1.667	1.407
7423.4416	12.690	-	1.574	1.391	7431.4093	13.748	-	1.633	1.465

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	AM Cam					RW Cas			
7432.4048	13.399	-	1.544	1.337	7432.3668	9.478	-	1.520	1.139
7433.3737	13.333	-	-	1.398	7432.5201	9.572	-	1.495	1.180
7434.3839	13.577	-	1.618	1.438	7433.3482	9.656	-	1.560	1.166
	RW Cas				7434.3565	9.720	-	1.551	1.149
7401.4204	9.326	1.181	1.443	1.097	7434.5093	9.767	-	1.520	1.173
7402.3927	9.482	-	1.504	1.121		RY Cas			
7403.4347	9.598	-	1.542	1.137	7401.3573	10.323	-	1.605	1.288
7404.4381	9.709	-	1.547	1.153	7402.3585	10.358	-	1.600	1.288
7407.4138	9.482	-	1.339	1.058	7403.3794	10.292	-	1.532	1.247
7408.4113	9.433	-	1.307	1.012	7407.3418	9.411	-	1.168	1.006
7409.3947	9.160	0.748	1.082	0.952	7408.3390	9.693	-	1.288	1.115
7410.4098	8.651	-	0.933	0.811	7409.3314	9.798	-	1.349	1.164
7411.4143	8.791	0.568	1.055	0.884	7410.3571	9.930	-	1.460	1.207
7413.3544	9.012	0.841	1.209	0.992	7411.3535	10.062	-	1.494	1.265
7413.4484	9.036	-	1.214	1.015	7413.3149	10.319	-	1.585	1.301
7414.3686	9.094	-	1.314	1.023	7413.4317	10.362	-	1.569	1.318
7415.3305	9.237	1.079	1.385	1.072	7414.3151	10.357	-	1.578	1.296
7416.3273	9.349	-	1.444	1.105	7415.2956	10.320	-	1.523	1.283
7417.3211	9.463	-	1.486	1.118	7416.2906	10.147	-	1.438	1.214
7418.3168	9.622	-	1.548	1.166	7417.2815	9.950	-	1.327	1.159
7419.2976	9.645	-	1.516	1.135	7418.2803	9.736	-	1.280	1.111
7420.2882	9.747	-	1.546	1.140	7419.2568	9.375	-	1.102	0.988
7421.2817	9.690	-	1.478	1.120	7420.2520	9.611	-	1.267	1.076
7422.2962	9.476	-	1.302	1.058	7421.2444	9.807	-	1.370	1.148
7423.4301	9.429	-	1.255	1.017	7422.2590	9.944	-	1.428	1.215
7424.3647	8.963	-	1.006	0.872	7423.3817	10.042	-	1.502	1.232
7425.3320	8.707	0.553	0.946	0.835	7424.2736	10.207	-	1.544	1.294
7427.4068	8.934	-	1.195	0.929	7425.2934	10.298	-	1.620	1.294
7427.5151	8.921	-	1.195	0.945	7425.5089	10.394	-	1.554	-
7428.3045	8.994	-	1.267	0.973	7427.3366	10.342	-	1.552	1.244
7428.4453	9.049	-	1.253	0.991	7427.5079	10.287	-	1.538	1.277
7430.3206	9.249	-	1.393	1.078	7428.2694	10.165	-	1.478	1.213
7430.4678	9.289	-	1.421	1.090	7428.4171	10.139	-	1.443	1.192
7431.3695	9.374	-	1.470	1.095	7429.3044	9.995	-	1.353	1.150

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	RY Cas					SY Cas			
7430.2533	9.806	-	1.277	1.121	7427.5107	9.760	-	0.987	0.847
7430.4490	9.757	-	1.270	1.084	7428.2721	9.999	-	1.108	0.915
7431.3031	9.404	-	1.144	0.988	7428.4216	10.066	-	1.115	0.931
7431.5132	9.431	-	1.088	1.025	7429.3086	10.241	-	1.176	0.955
7432.2915	9.577	-	1.214	1.100	7430.2570	9.795	-	0.945	0.821
7432.5116	9.702	-	1.277	1.126	7430.4524	9.569	-	0.831	0.761
7433.2819	9.772	-	1.337	1.160	7430.5147	9.498	-	0.839	0.719
7434.2749	9.880	-	1.446	1.189	7431.3065	9.662	-	0.952	0.792
7434.5037	9.917	-	1.401	1.220	7431.5162	9.767	-	0.928	0.851
	SY Cas				7432.2952	9.980	-	1.079	0.924
7402.3711	9.504	-	0.844	0.753	7432.5157	10.114	-	1.112	0.967
7403.4011	9.889	-	1.042	0.890	7433.2852	10.212	-	1.166	0.960
7404.4014	10.140	-	1.171	0.950	7434.2773	9.878	-	0.981	0.838
7407.3470	9.851	-	1.046	0.869	7434.5055	9.570	-	0.798	0.750
7408.3454	10.142	-	1.158	0.933		SZ Cas			
7409.3360	10.223	-	1.123	0.959	7401.4497	9.946	-	1.514	1.277
7410.3605	9.458	-	0.821	0.733	7402.4202	9.866	-	1.479	1.257
7411.3571	9.824	0.550	0.988	0.888	7403.4463	9.722	-	1.408	1.227
7413.3197	10.239	-	1.148	0.952	7404.4490	9.602	-	1.379	1.197
7413.4350	10.292	-	1.086	0.999	7407.4258	9.727	-	1.488	1.259
7414.3182	9.447	-	0.787	0.713	7408.4229	9.820	-	1.542	1.290
7415.2982	9.790	-	0.975	0.868	7409.4049	9.901	-	1.543	1.330
7416.2930	10.083	-	1.134	0.941	7410.4177	9.933	-	1.579	1.324
7417.2849	10.235	-	1.150	0.967	7411.4297	9.987	-	1.597	1.346
7418.2832	9.525	-	0.826	0.744	7413.3626	10.018	-	1.543	1.343
7419.2601	9.716	-	0.918	0.835	7413.4543	10.034	-	1.526	1.352
7420.2544	10.039	-	1.119	0.921	7414.3770	9.975	-	1.529	1.308
7421.2474	10.262	-	1.167	0.976	7415.3413	9.935	-	1.497	1.290
7422.2616	9.634	-	0.859	0.754	7416.3369	9.837	-	1.462	1.248
7423.3869	9.749	-	0.970	0.795	7417.3288	9.690	-	1.389	1.214
7424.2767	10.063	-	1.100	0.933	7418.3256	9.627	-	1.369	1.216
7425.2983	10.238	-	1.188	0.982	7419.3084	9.576	-	1.357	1.212
7425.5114	10.316	-	1.107	0.969	7420.2986	9.674	-	1.445	1.252
7427.3409	9.748	-	0.960	0.829	7421.2920	9.767	-	1.499	1.281

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
SZ Cas					AS Cas				
7422.3047	9.853	-	1.495	1.293	7424.2900	11.774	-	1.118	1.066
7423.4337	9.887	-	1.548	1.327	7425.3106	12.380	-	1.456	1.254
7424.3725	9.970	-	1.550	1.344	7427.3692	12.170	-	1.342	1.175
7425.3487	10.041	-	1.581	1.341	7428.4316	12.224	-	1.329	1.219
7427.4173	10.018	-	1.592	1.305	7429.3221	12.440	-	1.419	1.248
7427.5176	10.009	-	1.571	1.320	7430.2819	12.016	-	1.293	1.129
7428.3201	9.964	-	1.551	1.300	7430.4622	11.734	-	1.172	1.055
7428.4468	9.986	-	1.538	1.297	7431.3412	12.268	-	1.408	1.237
7430.3289	9.776	-	1.434	1.246	7432.3198	12.578	-	1.513	1.297
7430.4699	9.790	-	1.421	1.251	7434.3068	12.344	-	1.441	1.254
7431.3827	9.650	-	1.382	1.209	BF Cas				
7432.3827	9.589	-	1.401	1.226	7401.3691	12.512	-	1.347	1.160
7433.3576	9.683	-	1.450	1.252	7402.3644	12.777	-	1.447	1.230
7434.3638	9.715	-	1.448	1.261	7403.3980	12.426	-	1.204	1.132
7434.5114	9.752	-	1.427	1.281	7404.3990	12.276	-	1.219	1.111
AS Cas					7407.3500	12.012	-	1.093	0.978
7401.3881	12.382	-	1.451	1.284	7408.3465	12.417	-	1.281	1.115
7402.3789	12.559	-	1.456	1.272	7409.3388	12.710	-	1.405	1.243
7403.4207	12.173	-	1.320	1.190	7410.3624	12.801	-	1.402	1.225
7404.4128	12.402	-	1.443	1.264	7411.3603	12.124	-	1.141	1.057
7409.3494	11.866	-	1.179	1.114	7413.3220	12.792	-	1.392	1.262
7410.3753	12.451	-	1.486	1.330	7413.4386	12.860	-	1.389	1.294
7411.3727	12.429	-	1.394	1.281	7414.3206	12.334	-	1.179	1.100
7413.3322	12.227	-	1.326	1.220	7415.3005	12.305	-	1.236	1.129
7414.3316	12.423	-	1.423	1.260	7416.2954	12.648	-	1.406	1.198
7415.3097	11.830	-	1.181	1.146	7417.2876	12.809	-	1.406	1.240
7416.3038	12.283	-	1.422	1.257	7418.2855	11.983	-	1.076	0.983
7417.2987	12.594	-	1.484	1.338	7419.2612	12.404	-	1.257	1.134
7418.2950	11.980	-	1.282	1.161	7420.2572	12.729	-	1.446	1.243
7419.2717	12.303	-	1.389	1.240	7421.2489	12.837	-	1.383	1.213
7420.2678	12.363	-	1.411	1.238	7422.2635	12.200	-	1.145	1.063
7421.2584	12.278	-	1.380	1.206	7423.3886	12.614	-	1.351	1.223
7422.2726	12.163	-	1.369	1.190	7424.2800	12.836	-	1.436	1.268
7423.3992	12.555	-	1.480	1.300	7425.2994	12.163	-	1.137	1.041

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
		BF Cas					BV Cas		
7427.3488	12.704	-	1.487	1.207	7428.4433	12.396	-	1.608	1.427
7428.4241	12.821	-	1.435	1.192	7430.3188	12.727	-	1.768	1.532
7429.3097	12.087	-	1.090	1.025	7431.3652	12.667	-	1.694	1.458
7430.2596	12.474	-	1.298	1.185	7432.3645	11.934	-	1.439	1.280
7430.4586	12.563	-	1.428	1.183	7433.3467	12.287	-	1.571	1.423
7431.3072	12.768	-	1.425	1.242	7434.3545	12.509	-	1.705	1.472
7432.2977	12.635	-	1.325	1.162			CE Cas		
7433.2861	12.222	-	1.195	1.093	7404.3948	10.163	-	1.096	2.750
7434.2800	12.599	-	1.399	1.206	7407.3443	10.418	-	1.316	1.079
		BV Cas			7408.3401	10.442	-	1.260	1.038
7401.4170	12.377	-	1.625	1.432	7409.3330	10.142	-	1.080	0.956
7402.3886	12.571	-	1.755	1.471	7410.3587	10.053	-	1.133	0.940
7403.4308	12.714	-	1.732	1.465	7411.3548	10.230	-	1.183	1.035
7404.4306	12.644	-	1.652	1.448	7413.3170	10.204	-	1.127	0.995
7407.4111	12.504	-	1.697	1.462	7413.4328	10.199	-	1.062	1.000
7408.4071	12.657	-	1.778	1.505	7414.3162	10.247	-	1.178	0.986
7409.3807	12.776	-	1.714	1.514	7415.2964	10.154	-	1.132	0.988
7410.4073	12.045	-	1.407	1.284	7416.2915	10.225	-	1.193	0.997
7411.4124	12.145	-	1.518	1.354	7417.2825	10.323	-	1.213	1.024
7413.3534	12.613	-	1.706	1.500	7417.5076	10.311	-	1.172	1.032
7414.3679	12.719	-	1.782	1.495	7418.2816	10.123	-	1.112	0.976
7415.3268	12.555	-	1.653	1.435	7418.5085	10.165	-	1.095	1.009
7416.3261	12.003	-	1.430	1.291	7419.2583	10.317	-	1.204	1.019
7417.3188	12.273	-	1.596	1.389	7419.5095	10.397	-	1.269	-
7418.3163	12.511	-	1.721	1.480	7420.2529	10.226	-	1.183	0.997
7419.2957	-	-	1.728	1.471	7420.5093	10.179	-	1.114	-
7420.2874	12.762	-	1.759	1.518	7421.2463	10.261	-	1.185	1.003
7421.2803	11.977	-	1.437	1.268	7421.5100	10.275	-	1.142	-
7422.2955	12.154	-	1.523	1.335	7422.2597	10.182	-	1.115	0.959
7423.4282	12.444	-	1.658	1.450	7422.5086	10.259	-	1.082	-
7424.3621	12.648	-	1.727	1.501	7423.3833	10.225	-	1.182	1.001
7425.3308	12.789	-	1.766	1.527	7423.5088	10.264	-	1.179	1.008
7427.4054	12.093	-	1.509	1.323	7424.2750	10.450	-	1.252	1.063
7428.3023	12.332	-	1.604	1.422	7424.5057	10.434	-	1.234	1.076

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
CE Cas					CF Cas				
7425.2955	10.321	-	1.212	1.015	7420.5108	10.885	-	1.056	-
7425.5062	10.320	-	1.103	-	7421.2467	10.948	-	1.159	0.989
7427.3383	10.110	-	1.115	0.941	7421.5083	10.994	-	1.136	-
7427.5051	10.090	-	1.122	0.985	7422.2611	11.174	-	1.300	1.081
7428.2705	10.245	-	1.235	0.999	7422.5078	11.225	-	1.290	-
7428.4186	10.299	-	1.254	1.027	7423.3844	11.306	-	1.315	1.099
7428.4963	10.381	-	1.242	1.043	7423.5074	11.328	-	1.320	-
7429.3051	10.490	-	1.286	1.084	7424.2766	11.451	-	1.311	1.158
7430.2549	10.400	-	1.231	1.032	7424.5049	11.381	-	1.281	1.119
7430.4508	10.360	-	1.197	1.036	7425.2961	10.935	-	1.133	0.980
7430.5118	10.302	-	1.212	1.001	7425.5057	10.931	-	1.041	-
7431.3042	9.955	-	1.054	0.900	7427.3389	11.204	-	1.311	1.049
7431.5110	9.940	-	1.005	0.901	7427.5034	11.178	-	1.317	1.087
7432.2930	10.086	-	1.138	0.974	7428.2715	11.275	-	1.346	1.093
7432.5104	10.208	-	1.164	1.017	7428.4202	11.328	-	1.344	1.103
7433.2831	10.337	-	1.258	1.055	7428.4957	11.384	-	1.354	1.097
7434.2758	10.484	-	1.336	1.075	7429.3070	11.392	-	1.339	1.097
7434.5009	10.520	-	1.258	1.091	7430.2564	10.879	-	1.080	0.956
CF Cas					7430.4516	10.871	-	1.078	0.966
7404.3971	11.352	-	1.385	1.087	7430.5110	10.848	-	1.091	0.959
7407.3459	11.084	-	1.290	1.059	7431.3047	10.985	-	1.202	1.011
7408.3415	11.276	-	1.304	1.085	7431.5102	11.045	-	1.186	1.052
7409.3338	11.370	-	1.323	1.122	7432.2934	11.160	-	1.299	1.089
7410.3591	11.113	-	1.211	1.033	7432.5095	11.283	-	1.277	1.132
7411.3561	10.896	-	1.076	1.005	7433.2840	11.332	-	1.322	1.113
7413.3183	11.275	-	1.282	1.115	7434.2768	11.377	-	1.324	1.110
7413.4341	11.306	-	1.308	1.121	7434.4991	11.281	-	1.189	1.100
7414.3173	11.402	-	1.309	1.137	CH Cas				
7415.2974	11.071	-	1.187	1.022	7399.4565	10.630	-	1.476	1.369
7416.2924	10.895	-	1.131	0.973	7400.3531	10.710	-	1.574	1.378
7417.2840	11.109	-	1.245	1.044	7401.3378	10.810	-	1.625	1.435
7418.2826	11.271	-	1.345	1.121	7402.3338	10.933	-	1.698	1.494
7419.2588	11.375	-	1.315	1.095	7403.3627	11.021	-	1.791	1.500
7420.2538	11.029	-	1.137	1.005	7404.3656	11.157	-	1.809	1.549

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
CH Cas					CT Cas				
7408.3273	11.411	-	1.859	1.546	7408.3548	12.469	-	1.405	1.238
7409.3217	11.350	-	1.772	1.554	7409.3421	12.393	-	1.324	1.216
7410.3456	11.252	-	1.742	1.535	7410.3667	12.036	-	1.242	1.135
7411.3443	11.137	-	1.652	1.483	7411.3621	12.308	-	1.395	1.242
7413.3073	10.405	-	1.371	1.282	7413.3247	12.227	-	1.254	1.180
7413.4230	10.427	-	1.323	1.298	7414.3222	12.050	-	1.285	1.136
7414.3073	10.517	-	1.477	1.314	7415.3020	12.345	-	1.423	1.231
7415.2861	10.726	-	1.579	1.398	7416.2969	12.497	-	1.454	1.253
7416.2819	10.819	-	1.611	1.446	7417.2916	12.052	-	1.196	1.128
7417.2725	10.902	-	1.705	1.469	7418.2865	12.119	-	1.340	1.181
7418.2696	11.001	-	1.759	1.513	7419.2636	12.345	-	1.381	1.243
7419.2491	11.140	-	1.798	1.558	7420.2605	12.509	-	1.442	1.263
7420.2441	11.228	-	1.864	1.587	7421.2518	11.958	-	1.170	1.066
7421.2366	11.367	-	1.884	1.591	7422.2649	12.231	-	1.323	1.210
7422.2508	11.524	-	1.890	1.622	7423.3918	12.423	-	1.425	1.235
7423.3745	11.432	-	1.860	1.576	7424.2814	12.575	-	1.395	1.279
7424.2647	11.427	-	1.771	1.566	7425.3020	11.941	-	1.190	1.091
7425.2842	11.248	-	1.747	1.512	7427.3531	12.469	-	1.506	1.227
7427.3254	10.975	-	1.600	1.392	7428.4287	12.386	-	1.346	1.208
7428.2529	10.407	-	1.375	1.257	7429.3130	12.015	-	1.242	1.115
7428.4099	10.397	-	1.381	1.263	7430.2635	12.292	-	1.396	1.235
7429.2542	10.502	-	1.454	1.303	7431.3147	12.461	-	1.459	1.242
7430.2397	10.691	-	1.569	1.389	7432.3018	12.298	-	1.328	1.204
7430.4411	10.760	-	1.610	1.415	7433.2893	12.063	-	1.250	1.135
7431.2892	10.820	-	1.645	1.436	7434.2837	12.345	-	1.439	1.250
7432.2776	10.901	-	1.662	1.491	CY Cas				
7433.2693	11.009	-	1.737	1.541	7400.3723	11.732	-	1.860	1.563
7434.2641	11.104	-	1.833	1.534	7401.3491	11.846	-	1.903	1.568
CT Cas					7402.3503	12.013	-	1.930	1.618
7401.3785	12.532	-	1.424	1.256	7403.3744	12.140	-	1.968	1.630
7402.3739	11.903	-	1.180	1.044	7404.3768	12.188	-	1.921	1.631
7403.4035	12.234	-	1.332	1.202	7408.3336	11.036	-	1.377	1.244
7404.4048	12.418	-	1.446	1.218	7409.3278	11.123	-	1.434	1.326
7407.3533	12.307	-	1.404	1.214	7410.3520	11.247	-	1.541	1.380



Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
CY Cas					DL Cas				
7411.3499	11.338	-	1.594	1.444	7411.3767	8.988	0.699	1.183	1.011
7413.3129	11.536	-	1.779	1.519	7413.3345	8.788	0.679	1.112	0.984
7413.4250	11.609	-	1.728	1.558	7413.4452	8.832	-	1.105	0.998
7414.3123	11.662	-	1.828	1.559	7414.3319	8.823	0.730	1.187	0.985
7415.2907	11.787	-	-	1.588	7415.3108	8.961	0.780	1.248	1.031
7416.2883	11.956	-	1.900	1.617	7416.3040	9.098	-	1.308	1.068
7417.2788	12.061	-	1.982	1.607	7417.3003	9.206	-	1.343	1.082
7418.2760	12.144	-	1.956	1.636	7417.5101	9.278	-	1.330	1.109
7419.2547	12.137	-	1.877	1.596	7418.2955	9.249	-	1.322	1.100
7420.2501	11.984	-	1.821	1.533	7418.5109	9.211	-	1.282	1.087
7421.2418	11.965	-	1.729	1.529	7419.2732	-	-	-	0.991
7422.2572	11.617	-	1.566	1.410	7419.5121	8.947	-	1.182	0.976
7423.3793	11.038	-	1.396	1.244	7420.2695	8.706	0.625	1.074	0.931
7424.2713	11.136	-	1.478	1.346	7420.5133	8.703	-	1.072	0.926
7425.2903	11.294	-	1.607	1.391	7421.2601	8.788	-	1.142	0.956
7427.3333	11.538	-	1.763	1.483	7421.5126	8.801	-	1.117	0.972
7428.2634	11.598	-	1.787	1.523	7422.2729	8.872	0.705	1.203	0.995
7428.4127	11.653	-	1.796	1.553	7422.5120	8.854	-	1.193	1.059
7429.2987	11.796	-	1.835	1.587	7423.4028	8.968	0.854	1.242	1.038
7430.2500	11.862	-	1.931	1.571	7423.5112	9.006	-	1.243	1.044
7430.4435	11.957	-	1.902	1.623	7424.2921	9.107	0.923	1.300	1.074
7431.2990	12.052	-	2.018	1.618	7424.5082	9.116	-	1.275	1.084
7432.2871	12.136	-	1.902	1.637	7425.3109	9.234	0.919	1.375	1.095
7433.2768	12.178	-	1.900	1.634	7425.5137	9.314	-	1.324	1.098
7434.2708	12.074	-	1.864	1.572	7427.3728	8.992	0.694	1.203	0.982
DL Cas					7427.5129	8.924	-	1.192	0.989
7401.4052	9.238	0.953	1.356	1.089	7428.2789	8.691	0.631	1.075	0.909
7402.3819	9.233	-	1.342	1.056	7428.4339	8.713	-	1.061	0.922
7403.4234	8.983	-	1.175	1.002	7428.4996	8.740	-	1.073	0.913
7404.4143	8.689	-	1.081	0.904	7429.3243	8.786	0.640	1.135	0.971
7407.3677	8.988	0.764	1.268	1.042	7430.2824	8.833	0.724	1.199	0.990
7408.3687	9.121	0.925	1.321	1.074	7430.4639	8.862	-	1.199	1.012
7409.3519	9.226	0.960	1.343	1.101	7430.5168	8.855	-	1.209	1.014
7410.3764	9.242	-	1.333	1.079	7431.3442	8.952	0.822	1.276	1.009

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	DL Cas					FW Cas			
7431.5183	9.014	-	1.223	1.054	7431.3492	12.174	-	1.416	1.219
7432.3203	9.057	0.942	1.307	1.072	7432.3248	12.271	-	1.515	1.259
7432.5181	9.161	-	1.308	1.096	7433.3080	12.435	-	1.540	1.364
7433.3049	9.236	0.917	1.352	1.100	7434.3115	12.554	-	1.663	1.357
7434.3083	9.242	0.865	1.344	1.074		GL Cas			
7434.5080	9.228	-	1.264	1.087	7401.4374	12.827	-	1.291	1.117
	FW Cas				7402.4162	12.493	-	1.221	1.062
7401.4130	12.366	-	1.529	1.296	7403.4422	12.844	-	1.364	1.188
7402.3839	12.469	-	1.599	1.353	7404.4463	13.009	-	1.436	1.194
7403.4270	12.588	-	1.661	1.346	7407.4223	12.820	-	1.376	1.186
7404.4165	12.732	-	1.615	1.374	7408.4200	13.032	-	1.467	1.242
7407.3737	12.350	-	1.501	1.292	7409.4019	12.924	-	1.297	1.144
7408.3727	12.439	-	1.512	1.329	7410.4145	12.494	-	1.205	1.079
7409.3536	12.556	-	1.601	1.379	7411.4262	12.820	-	1.369	1.198
7410.3800	12.721	-	1.658	1.399	7413.3601	12.964	-	1.319	1.192
7411.3782	12.533	-	1.507	1.335	7414.3747	12.446	-	1.195	1.032
7413.3360	12.288	-	1.461	1.293	7415.3382	12.815	-	1.253	1.184
7414.3352	12.381	-	1.536	1.310	7416.3329	13.019	-	1.418	1.196
7415.3119	12.536	-	1.620	1.349	7417.3262	12.985	-	1.338	1.181
7416.3067	12.699	-	1.635	1.406	7418.3237	12.480	-	1.155	1.055
7417.3028	12.659	-	1.570	1.359	7419.3054	12.706	-	1.315	1.128
7418.2975	12.296	-	1.410	1.264	7420.2931	12.981	-	1.424	1.188
7419.2743	12.171	-	1.382	1.244	7421.2895	13.020	-	1.360	1.187
7420.2708	12.372	-	1.527	1.336	7422.3006	12.465	-	1.137	1.056
7421.2613	12.503	-	1.600	1.354	7424.3691	13.019	-	1.390	1.227
7422.2766	12.653	-	1.635	1.355	7425.3470	13.015	-	1.339	1.206
7423.4039	12.712	-	1.579	1.391	7427.4133	12.835	-	1.381	1.167
7424.2933	12.416	-	1.449	1.290	7428.3125	12.991	-	1.397	1.225
7425.3143	12.206	-	1.412	1.240	7430.3278	12.468	-	1.178	1.063
7427.3761	12.479	-	1.586	1.347	7431.3799	12.797	-	1.339	1.169
7428.2803	12.598	-	1.638	1.401	7432.3762	13.004	-	1.409	1.244
7428.4371	12.640	-	1.606	1.366	7433.3520	13.022	-	1.383	1.245
7429.3261	12.719	-	1.618	1.360	7434.3601	12.442	-	1.139	1.052
7430.2863	12.453	-	1.487	1.305					

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
HK Cas					HK Cas				
7407.3788	13.864	-	0.773	0.689	7413.4287	11.744	-	1.589	1.310
7408.3808	14.276	-	1.196	-	7414.3127	11.748	-	1.602	1.358
7409.3600	14.759	-	1.130	0.942	7415.2923	11.923	-	1.691	1.415
7410.3857	14.045	-	0.961	0.815	7416.2890	12.077	-	1.752	1.447
7411.4026	14.697	-	1.330	0.957	7417.2796	12.215	-	1.795	1.472
7413.3408	14.271	-	1.166	0.896	7418.2788	12.180	-	1.722	1.460
7414.3375	14.838	-	1.274	0.924	7419.2563	11.908	-	1.579	1.365
7415.3156	13.990	-	0.981	0.760	7420.2506	11.661	-	1.493	1.306
7416.3141	14.633	-	1.291	0.980	7421.2436	11.796	-	1.569	1.353
7417.3082	13.878	-	0.805	0.657	7422.2576	11.773	-	1.565	1.361
7418.3036	14.254	-	1.140	0.883	7423.3812	11.915	-	1.676	1.409
7420.2767	13.991	-	0.892	0.804	7424.2719	12.090	-	1.709	1.457
7421.2655	14.634	-	1.288	0.998	7425.2908	12.194	-	1.797	1.476
7422.2822	13.969	-	0.838	0.647	7427.3341	12.002	-	1.625	1.364
7423.4113	14.302	-	1.180	0.891	7428.2654	11.647	-	1.496	1.269
7424.2979	14.762	-	1.269	0.970	7428.4151	11.671	-	1.481	1.316
7425.3194	14.020	-	0.973	0.793	7429.3009	11.764	-	1.587	1.329
7427.3821	13.851	-	0.723	-	7430.2508	11.716	-	1.577	1.355
7430.3020	13.986	-	0.970	0.741	7430.4463	11.764	-	1.589	1.367
7432.3387	13.880	-	0.762	0.695	7431.3005	11.906	-	1.672	1.404
7433.3279	14.270	-	1.182	-	7432.2888	11.990	-	1.694	1.450
7434.3377	14.746	-	1.298	0.952	7433.2791	12.227	-	-	-
HK Cas					7434.2714	12.257	-	1.764	1.475
7400.3760	12.219	-	1.805	-	LT Cas				
7401.3528	12.255	-	1.760	1.479	7401.4547	12.811	-	1.428	1.221
7402.3546	12.068	-	1.690	1.399	7402.4237	12.974	-	1.456	1.279
7403.3770	11.773	-	1.514	1.330	7403.4500	12.544	-	1.214	1.109
7404.3886	11.688	-	1.553	1.274	7404.4527	12.096	-	1.082	0.998
7407.3387	11.977	-	1.708	1.428	7407.4275	12.815	-	1.407	1.256
7408.3368	12.123	-	1.775	1.444	7408.4254	12.990	-	1.436	1.285
7409.3281	12.225	-	1.764	1.483	7409.4068	12.501	-	1.176	1.140
7410.3539	12.145	-	1.688	1.430	7410.4211	12.138	-	1.098	1.034
7411.3514	11.828	-	1.532	1.359	7411.4334	12.441	-	1.241	1.174
7413.3143	11.758	-	1.576	1.343	7413.3642	12.830	-	1.394	1.268

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
LT Cas					NP Cas				
7414.3801	12.974	-	1.449	1.236	7421.2532	13.601	-	1.740	1.556
7415.3457	12.436	-	1.163	1.089	7422.2689	13.287	-	1.640	1.464
7416.3386	12.135	-	1.080	1.019	7423.3932	13.492	-	1.725	1.551
7417.3310	12.427	-	1.233	1.144	7424.2881	13.674	-	1.786	1.648
7418.3273	12.645	-	1.346	1.212	7425.3034	13.781	-	1.878	1.644
7419.3102	12.775	-	1.404	1.224	7427.3640	13.631	-	1.797	1.570
7420.3013	12.957	-	1.453	1.242	7429.3190	13.462	-	1.741	1.534
7421.2937	12.379	-	1.171	1.069	7430.2661	13.609	-	1.812	1.605
7422.3073	12.174	-	1.081	1.047	7431.3163	13.770	-	1.867	1.650
7423.4379	12.449	-	1.258	1.159	7432.3034	13.892	-	1.851	1.698
7424.3757	12.655	-	1.329	1.209	7433.2991	13.792	-	1.788	1.651
7425.3511	12.897	-	1.402	1.270	7434.2850	13.257	-	1.614	1.482
7427.4192	12.078	-	1.073	0.958	OZ Cas				
7428.3228	12.160	-	1.161	1.019	7404.4249	13.523	-	2.242	2.098
7430.3322	12.666	-	1.392	1.200	7407.4076	13.616	-	2.267	2.144
7431.3878	12.862	-	1.456	1.219	7408.4037	13.753	-	2.323	2.183
7432.3857	12.950	-	1.438	1.266	7409.3784	13.605	-	2.130	2.130
7433.3604	12.061	-	1.041	0.984	7410.4053	13.171	-	2.016	2.024
7434.3662	12.215	-	1.139	1.058	7411.4072	13.367	-	2.183	2.082
NP Cas					7413.3485	13.750	-	2.298	2.194
7404.4064	13.383	-	1.652	1.532	7414.3590	13.657	-	2.213	2.154
7407.3555	13.864	-	1.900	1.657	7415.3225	13.131	-	2.038	1.977
7408.3571	13.872	-	-	1.631	7416.3227	13.336	-	2.158	2.073
7409.3429	13.315	-	1.603	1.517	7417.3156	13.559	-	2.196	2.151
7410.3706	13.370	-	1.682	1.548	7418.3122	13.739	-	2.303	2.189
7411.3675	13.519	-	1.777	1.587	7419.2888	-	-	2.220	2.126
7413.3269	13.846	-	1.904	1.658	7420.2833	13.116	-	2.005	1.979
7414.3271	13.899	-	1.821	1.680	7421.2757	13.305	-	2.164	2.053
7415.3061	13.450	-	1.691	1.539	7422.2915	13.553	-	2.206	2.142
7416.3007	13.313	-	1.679	1.519	7423.4212	13.736	-	2.218	2.181
7417.2928	13.456	-	1.771	1.538	7424.3600	13.737	-	2.233	2.169
7418.2911	13.688	-	1.841	1.666	7425.3262	13.149	-	2.044	2.004
7419.2649	13.777	-	1.824	1.645	7427.3940	13.521	-	2.252	2.098
7420.2617	13.888	-	1.857	1.679	7428.2890	13.693	-	2.346	2.158

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
OZ Cas					PW Cas				
7430.3061	13.163	-	2.062	1.993	7433.2749	13.091	-	1.273	1.191
7431.3634	13.304	-	2.065	2.081	7434.2645	12.869	-	1.221	1.131
7432.3609	13.513	-	2.201	2.150	CP Cep				
7433.3334	13.711	-	2.303	2.167	7399.4381	10.519	-	1.669	1.381
7434.3441	13.776	-	2.252	2.182	7400.3373	10.548	-	1.770	1.367
PW Cas					7401.3236	10.641	-	1.794	1.394
7399.4650	13.199	-	1.334	1.221	7402.3206	10.747	-	1.828	1.422
7400.3582	13.296	-	1.423	1.237	7403.3544	10.839	-	1.850	1.440
7401.3444	13.025	-	1.261	1.124	7404.3270	10.890	-	1.852	1.442
7402.3450	12.877	-	1.270	1.103	7407.3133	10.906	-	1.769	1.442
7403.3672	13.157	-	1.395	1.220	7408.3177	10.744	-	1.704	1.366
7404.3688	13.305	-	1.470	1.236	7409.3149	10.711	-	1.625	1.371
7408.3290	13.300	-	1.460	1.232	7410.3367	10.663	-	1.601	1.310
7409.3243	13.010	-	1.275	1.126	7411.3336	10.363	-	1.438	1.259
7410.3473	12.901	-	1.274	1.138	7413.3019	10.215	-	1.435	1.260
7411.3453	13.121	-	1.384	1.219	7413.4131	10.250	-	-	1.268
7413.3087	13.071	-	1.249	1.145	7414.2999	10.260	-	1.506	1.256
7414.3098	12.873	-	1.234	1.115	7415.2776	10.356	-	1.579	1.312
7415.2872	13.136	-	1.392	1.227	7418.2638	10.574	-	1.763	1.382
7416.2848	13.316	-	1.400	1.252	7419.2424	10.661	-	1.799	1.403
7417.2753	13.076	-	1.293	1.179	7420.2381	10.746	-	1.843	1.410
7418.2707	12.846	-	1.237	1.115	7421.2306	10.832	-	1.854	1.427
7420.2468	13.297	-	1.445	1.252	7422.2422	10.880	-	1.872	1.463
7421.2378	13.139	-	1.291	1.165	7423.3620	10.992	-	1.830	1.479
7422.2538	12.920	-	1.236	1.131	7424.2573	10.915	-	1.821	1.457
7423.3756	13.136	-	1.397	1.179	7425.2744	10.856	-	1.764	1.405
7424.2657	13.347	-	1.417	1.254	7427.3160	10.759	-	1.664	1.344
7425.2869	13.054	-	1.291	1.113	7428.2442	10.632	-	1.599	1.295
7427.3282	13.177	-	1.362	1.146	7429.2468	10.368	-	1.453	1.246
7428.2613	13.277	-	1.457	1.222	7430.2322	10.143	-	1.420	1.197
7429.2953	13.102	-	1.306	1.152	7430.4322	10.186	-	1.445	1.209
7430.2423	12.835	-	1.258	1.090	7431.2798	10.206	-	1.464	1.217
7431.2905	13.152	-	1.380	1.226	7432.2661	10.268	-	1.493	1.277
7432.2792	13.299	-	1.385	1.263	7433.2611	10.370	-	1.587	1.315

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	CP Cep					SZ Cyg			
7434.2562	10.421	-	1.671	1.335	7400.2900	9.468	-	1.460	1.215
	IR Cep				7401.2861	9.037	0.862	1.300	1.085
7409.3136	7.739	0.515	0.879	0.788	7402.2912	8.992	-	1.281	1.100
7410.3358	7.934	0.538	0.977	0.807	7403.3274	9.082	-	1.395	1.135
7411.3323	7.691	0.483	0.858	0.769	7404.2935	9.190	-	1.475	1.154
7413.3014	7.646	0.483	0.825	0.742	7407.2892	9.454	-	-	1.293
7413.4121	7.730	0.506	0.811	0.790	7408.2980	9.575	-	1.728	1.304
7414.2994	7.955	0.534	1.007	0.825	7409.2920	9.742	-	1.735	1.351
7415.2761	7.619	0.457	0.823	0.731	7410.3049	9.831	-	1.776	1.370
7416.2733	7.948	0.556	0.984	0.827	7411.3099	9.881	-	1.763	1.361
7417.2650	7.591	0.444	0.808	0.712	7413.2864	9.714	-	1.628	1.308
7418.2624	7.921	0.566	0.971	0.828	7414.2846	9.584	-	1.584	-
7419.2416	7.653	0.464	0.848	0.732	7415.2634	9.564	-	1.498	1.229
7420.2369	7.869	0.528	0.968	0.803	7416.2614	9.094	-	1.295	1.099
7421.2301	7.737	0.457	0.897	0.740	7417.2513	8.957	-	1.279	1.076
7422.2424	-	0.519	0.961	0.836	7418.2509	9.052	-	1.376	1.132
7423.3607	7.756	0.485	0.855	0.774	7419.2259	9.188	-	1.479	1.186
7424.2558	7.854	0.562	0.890	0.818	7420.2259	9.257	-	1.552	1.217
7425.2734	7.853	0.509	0.932	0.789	7421.2147	9.387	-	1.623	1.243
7427.3149	7.932	0.493	0.976	0.794	7422.2279	9.424	-	1.669	1.279
7428.2435	7.668	0.500	0.866	0.735	7423.2327	9.586	-	1.710	1.317
7429.2458	7.974	0.520	0.985	0.825	7424.2406	9.681	-	1.733	1.360
7430.2302	7.652	0.470	0.871	0.748	7425.2621	9.822	-	1.773	1.352
7430.4309	7.766	0.467	0.925	0.774	7427.2972	9.906	-	1.757	1.328
7431.2799	7.990	0.541	0.976	0.841	7428.2261	9.714	-	1.656	1.277
7432.2633	7.612	0.527	0.818	0.743	7429.2288	9.610	-	1.539	1.261
7433.2604	7.971	0.552	0.998	0.859	7430.2159	9.585	-	1.552	1.229
7434.2556	7.589	0.461	0.838	0.707	7431.2639	9.117	-	1.315	1.118
	X Cyg				7432.2475	8.966	-	1.248	1.092
7432.0893	6.567	0.875	1.208	0.902	7433.2473	9.063	-	1.336	1.146
7433.0854	6.632	0.852	1.184	0.912	7434.2452	9.147	-	1.468	1.178
7434.0868	6.145	0.565	0.958	0.751		TX Cyg			
	SZ Cyg				7399.3782	8.822	1.125	1.551	1.428
7399.3535	9.587	1.202	1.523	1.248	7400.3129	9.036	-	1.681	1.543

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
TX Cyg					VX Cyg				
7401.3048	9.160	-	1.787	1.566	7402.3010	10.480	-	1.903	1.515
7402.3053	9.295	-	1.867	1.634	7403.3353	10.340	-	1.831	1.457
7403.3382	9.406	-	1.942	1.684	7404.3057	10.299	-	1.782	1.403
7404.3078	9.515	-	1.999	1.689	7407.2976	9.573	-	1.442	1.236
7407.2994	9.892	-	2.152	1.782	7408.3037	9.559	-	1.489	1.232
7408.3059	9.974	-	2.158	1.781	7409.2995	9.695	-	1.522	1.315
7409.3012	10.022	-	2.076	1.797	7410.3113	9.786	-	1.619	1.353
7410.3126	9.890	-	2.035	1.745	7411.3161	9.843	-	1.671	1.393
7411.3169	9.725	-	1.933	1.706	7413.2707	10.002	-	1.789	1.466
7413.2718	9.117	-	1.656	1.522	7414.2805	10.045	-	1.871	1.456
7414.2819	8.878	-	1.634	1.454	7415.2570	10.135	-	1.880	1.480
7415.2587	9.116	-	1.720	1.560	7416.2568	10.221	-	1.892	1.500
7416.2581	9.208	-	1.810	1.587	7417.2441	10.286	-	1.928	1.506
7417.2479	9.296	-	1.880	1.639	7418.2457	10.385	-	1.973	1.515
7418.2471	9.424	-	1.947	1.688	7419.2219	10.477	-	1.986	1.536
7419.2229	9.554	-	2.009	1.734	7420.2221	10.500	-	2.004	1.516
7420.2233	9.649	-	2.083	1.734	7421.2100	10.549	-	1.985	1.525
7421.2117	9.819	-	2.122	1.777	7422.2247	10.465	-	1.892	1.505
7422.2252	9.898	-	2.126	1.772	7423.2296	10.387	-	1.851	1.487
7423.2301	9.991	-	2.155	1.801	7424.2367	10.269	-	1.771	1.453
7424.2378	9.938	-	2.099	1.790	7425.2580	10.337	-	1.780	1.423
7425.2595	9.855	-	2.016	1.736	7427.2911	9.654	-	1.459	1.249
7427.2924	9.669	-	1.887	1.647	7428.2220	9.567	-	1.473	1.233
7428.2234	8.892	-	1.569	1.434	7429.2203	9.666	-	1.525	1.278
7429.2220	8.987	-	1.631	1.493	7430.2119	9.732	-	1.605	1.325
7430.2131	9.116	-	1.763	1.556	7431.2591	9.820	-	1.700	1.375
7431.2603	9.231	-	1.850	1.603	7432.2421	9.892	-	1.706	1.423
7432.2435	9.347	-	1.873	1.674	7433.2425	9.970	-	1.773	1.450
7433.2440	9.462	-	1.959	1.720	7434.2415	10.014	-	1.838	1.432
7434.2426	9.567	-	2.044	1.735	VY Cyg				
VX Cyg					7399.3839	9.395	0.761	1.197	1.033
7399.3731	10.483	1.926	1.981	1.514	7400.3162	9.311	-	1.193	1.034
7400.3112	10.488	-	1.922	1.541	7401.3059	9.654	-	1.354	1.129
7401.3025	10.509	-	1.926	1.503	7402.3080	9.800	-	1.421	1.172

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
VY Cyg					BZ Cyg				
7404.3136	9.959	-	1.403	1.148	7407.2907	10.209	-	1.649	1.419
7407.3008	9.402	-	1.204	1.045	7408.2986	10.307	-	1.718	1.435
7408.3082	9.356	-	1.240	1.035	7409.2936	10.482	-	1.690	1.499
7409.3025	9.723	-	1.336	1.172	7410.3058	10.532	-	1.738	1.491
7410.3143	9.859	-	1.435	1.196	7411.3106	10.424	-	1.632	1.464
7411.3190	10.005	-	1.440	1.220	7413.2880	10.046	-	1.499	1.357
7413.2739	9.493	-	1.166	1.066	7414.2854	10.045	-	1.550	1.351
7414.2825	9.224	-	1.132	0.965	7415.2655	10.026	-	1.515	1.375
7415.2607	9.421	-	1.190	1.067	7416.2625	10.105	-	1.576	1.385
7416.2595	9.393	-	1.215	1.047	7417.2525	10.183	-	1.634	1.415
7417.2489	9.693	-	1.357	1.157	7418.2513	10.320	-	1.702	1.467
7418.2481	9.839	-	1.435	1.192	7419.2279	10.455	-	1.750	1.478
7419.2239	10.023	-	1.488	1.212	7420.2270	10.502	-	1.757	1.455
7420.2244	9.904	-	1.383	1.133	7421.2155	10.473	-	1.672	1.456
7421.2123	9.433	-	1.162	1.004	7422.2285	10.219	-	1.558	1.389
7422.2267	9.232	-	1.078	0.969	7423.2341	10.052	-	1.503	1.341
7423.2312	9.404	-	1.214	1.054	7424.2426	10.020	-	1.493	1.373
7424.2387	9.394	-	1.228	1.076	7425.2632	10.033	-	1.515	1.346
7425.2609	9.724	-	1.391	1.145	7427.2983	-	-	1.648	1.420
7427.2948	10.081	-	1.495	1.215	7428.2266	10.291	-	1.683	1.432
7428.2242	9.863	-	1.345	1.122	7429.2297	10.439	-	1.735	1.462
7429.2243	9.341	-	1.109	0.972	7430.2169	10.514	-	1.752	1.488
7430.2139	9.288	-	1.152	0.985	7431.2669	10.453	-	1.688	1.448
7431.2618	9.386	-	1.207	1.052	7432.2489	10.283	-	1.552	1.421
7432.2457	9.472	-	1.241	1.090	7433.2482	10.062	-	1.503	1.343
7433.2450	9.737	-	1.378	1.167	7434.2454	10.020	-	1.522	1.333
7434.2429	9.883	-	1.472	1.190	DT Cyg				
BZ Cyg					7399.1306	5.897	0.293	0.543	0.547
7399.3568	10.465	-	1.736	1.465	7400.1227	5.843	0.242	0.502	0.504
7400.2940	10.480	-	1.691	1.498	7401.1143	5.708	0.298	0.460	0.490
7401.2953	10.366	-	1.646	1.426	7402.1122	5.927	0.295	0.644	0.553
7402.2941	10.174	-	1.553	1.376	7403.1136	5.686	0.235	0.400	0.504
7403.3287	10.033	-	1.500	1.341	7404.1122	5.854	0.270	0.521	0.546
7404.2960	10.039	-	1.531	1.322	7407.1096	5.898	0.245	0.671	0.468



Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
DT Cyg					EU Cyg				
7408.1086	-	0.282	0.401	0.495	7414.1973	14.230	-	1.688	1.527
7409.1090	5.829	0.328	0.531	0.505	7415.2055	14.315	-	1.726	1.497
7410.1120	5.836	0.207	-	0.509	7416.1982	14.321	-	1.711	1.478
7411.1078	5.754	0.294	0.405	0.510	7417.1963	14.169	-	1.627	1.413
7412.1109	5.956	0.212	0.698	0.563	7418.1933	14.113	-	1.554	1.415
7413.1018	5.665	0.264	0.392	0.467	7419.1780	14.025	-	1.583	1.397
7414.1049	5.891	0.299	0.531	0.559	7420.1846	13.661	-	1.418	1.305
7415.1037	5.852	0.271	0.471	0.557	7421.1752	13.387	-	1.364	1.246
7416.1011	5.729	0.283	0.444	0.508	7422.1874	13.572	-	1.490	1.315
7417.1022	5.931	0.278	0.606	0.565	7424.1847	13.790	-	1.604	1.429
7418.1007	5.668	0.253	0.423	0.458	7425.2068	13.832	-	1.646	1.456
7419.0970	5.802	0.286	0.542	0.503	7427.2128	14.062	-	1.703	1.460
7420.0983	5.845	0.269	0.540	0.533	7432.1613	14.217	-	1.653	1.480
7421.0973	5.708	0.261	0.472	0.505	7433.1779	14.107	-	1.610	1.452
7422.0912	5.898	0.303	0.611	0.511	7434.1755	14.072	-	1.517	1.417
7423.0940	5.687	0.243	0.441	0.488	EZ Cyg				
7424.0922	5.828	0.196	0.634	0.519	7400.2550	11.227	-	1.655	1.329
7425.0950	5.818	0.234	0.548	0.499	7401.2416	11.357	-	1.701	1.313
7427.0926	5.867	0.272	0.644	0.500	7402.2430	11.469	-	1.752	1.339
7428.0878	5.679	0.249	0.415	0.493	7403.2578	11.464	-	1.683	1.322
7429.0906	5.851	0.270	0.544	0.542	7404.2373	11.252	-	1.570	1.265
7430.0865	5.839	0.253	0.513	0.531	7407.2375	10.563	-	1.209	1.030
7431.0862	5.706	0.277	0.439	0.497	7408.2253	10.664	-	1.338	1.092
7432.0854	5.908	0.321	0.569	0.554	7409.2350	10.827	-	1.421	1.179
7433.0821	5.668	0.278	0.398	0.494	7410.2476	10.986	-	1.491	1.232
7434.0832	5.849	0.258	0.565	0.536	7411.2571	11.111	-	1.581	1.285
EU Cyg					7413.2325	11.415	-	1.712	1.344
7403.2405	14.086	-	1.590	1.431	7414.2341	11.476	-	1.744	1.332
7404.2296	14.051	-	1.565	1.414	7415.2189	11.440	-	1.664	1.311
7407.2243	13.564	-	1.492	1.305	7416.2113	11.203	-	1.508	1.238
7408.2003	13.641	-	1.544	1.392	7417.2098	11.071	-	1.455	1.179
7409.2260	13.766	-	1.532	1.427	7418.2037	10.913	-	1.339	1.124
7410.2344	13.834	-	1.613	1.481	7419.1897	10.557	-	1.264	1.063
7411.2465	13.932	-	1.655	1.496	7420.1907	10.699	-	1.369	1.169

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
EZ Cyg					IY Cyg				
7421.1823	10.850	-	1.457	1.177	7428.1820	12.974	-	1.960	1.681
7422.1918	10.975	-	1.562	1.232	7429.1759	13.077	-	-	1.744
7423.1879	11.148	-	1.640	1.277	7430.1536	13.143	-	2.058	1.756
7424.1935	11.332	-	1.705	1.340	7431.1949	13.251	-	2.138	1.791
7425.2167	11.438	-	1.709	1.323	7432.1803	13.322	-	2.107	1.824
7427.2246	11.420	-	1.586	1.276	7433.1824	13.441	-	2.193	1.836
7428.1853	11.149	-	1.494	1.198	7434.1786	13.529	-	2.130	1.874
7429.1816	11.072	-	1.388	1.183	HX Cyg				
7430.1561	10.734	-	1.275	1.078	7409.2791	12.328	-	2.525	2.220
7431.2036	10.667	-	1.305	1.106	7410.2971	12.399	-	2.570	2.230
7432.1877	10.767	-	1.366	1.146	7411.3031	12.462	-	2.579	2.247
7433.1899	10.934	-	1.499	1.224	7413.2689	12.485	-	2.548	2.248
7434.1882	11.060	-	1.578	1.265	7414.2769	12.371	-	2.519	2.166
IY Cyg					7415.2554	12.294	-	2.383	2.154
7403.2539	12.794	-	1.819	1.613	7416.2540	12.260	-	2.391	2.122
7404.2329	12.854	-	1.880	1.662	7417.2427	12.061	-	2.296	2.063
7407.2372	13.063	-	2.052	1.732	7418.2435	11.369	-	2.051	1.870
7408.2230	13.136	-	2.099	1.746	7419.2203	11.478	-	2.089	1.924
7409.2318	13.289	-	2.071	1.855	7420.2193	11.526	-	2.129	1.951
7410.2426	13.346	-	2.075	1.836	7421.2077	11.613	-	2.199	1.979
7411.2533	13.399	-	2.130	1.839	7422.2226	11.649	-	2.269	2.045
7413.2270	13.545	-	2.149	1.858	7423.2264	11.760	-	2.344	2.070
7414.2298	13.587	-	2.178	1.838	7424.2334	11.820	-	2.401	2.102
7415.2159	13.602	-	2.129	1.876	7425.2555	11.943	-	2.453	2.135
7416.2062	13.547	-	2.104	1.787	7427.2861	12.124	-	-	2.174
7417.2032	13.588	-	2.050	1.794	7428.2167	12.193	-	2.530	2.190
7419.1852	13.465	-	1.965	1.738	7429.2144	12.356	-	2.570	2.228
7420.1888	12.840	-	1.723	1.530	7430.2053	12.378	-	2.584	2.205
7421.1791	12.422	-	1.586	1.430	7431.2543	12.464	-	2.622	2.239
7422.1916	12.550	-	1.621	1.486	7432.2404	12.462	-	2.568	2.210
7423.1849	12.640	-	1.705	1.549	7433.2383	12.461	-	2.568	2.208
7424.1920	12.779	-	1.795	1.613	7434.2374	12.370	-	2.513	2.168
7425.2117	12.810	-	1.802	1.610	MW Cyg				
7427.2207	12.973	-	1.961	1.662	7399.3369	9.730	-	1.527	1.241

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	MW Cyg					V343 Cyg			
7400.2750	9.859	-	1.537	1.283	7407.2693	13.714	-	1.447	1.219
7402.2745	9.203	-	1.258	1.083	7408.2572	13.686	-	1.405	1.257
7403.3139	9.415	-	1.389	1.166	7409.2644	13.366	-	1.216	1.120
7404.2791	9.534	-	1.468	1.191	7410.2785	13.181	-	1.235	1.096
7407.2784	9.397	-	1.285	1.124	7411.2844	13.281	-	1.300	1.174
7408.2919	9.182	-	1.267	1.070	7413.2601	13.545	-	1.476	1.288
7409.2750	9.437	-	1.362	1.181	7414.2676	13.669	-	1.571	1.324
7410.2907	9.552	-	1.451	1.218	7415.2468	13.772	-	1.585	1.290
7411.2982	9.757	-	1.514	1.275	7416.2372	13.910	-	1.638	1.338
7413.2529	9.353	-	1.280	1.125	7417.2332	14.015	-	1.593	1.343
7414.2614	9.213	-	1.279	1.086	7418.2328	13.832	-	1.469	1.323
7415.2386	9.429	-	1.393	1.186	7419.2123	13.695	-	1.446	1.251
7416.2306	9.534	-	1.482	1.190	7420.2119	13.671	-	1.443	1.217
7417.2259	9.717	-	1.543	1.250	7421.2003	13.347	-	1.264	1.124
7418.2243	9.854	-	1.548	1.238	7422.2158	13.154	-	1.252	1.106
7419.2071	9.309	-	1.288	1.097	7423.2221	13.276	-	1.352	1.166
7420.2071	9.201	-	1.263	1.086	7424.2247	13.411	-	1.471	1.210
7421.1953	9.417	-	1.389	1.161	7425.2444	13.514	-	1.536	1.253
7422.2097	9.531	-	1.455	1.229	7427.2775	13.859	-	1.609	1.354
7423.2133	9.749	-	1.537	1.259	7431.2477	13.695	-	1.514	1.251
7424.2180	9.899	-	1.546	1.294	7432.2252	13.682	-	1.409	1.207
7425.2374	9.304	-	1.270	1.088	7433.2292	13.272	-	1.186	1.116
7427.2567	9.493	-	1.424	1.154	7434.2339	13.165	-	1.264	1.098
7428.2065	9.564	-	1.477	1.195					
								V347 Cyg	
7429.2027	9.749	-	1.517	1.251	7399.3688	12.214	-	1.611	1.432
7430.1948	9.832	-	1.530	1.250	7400.3037	12.356	-	1.751	1.515
7431.2340	9.267	-	1.252	1.076	7401.2975	12.530	-	1.791	1.540
7432.2169	9.249	-	1.243	1.104	7402.2992	12.681	-	1.871	1.581
7433.2227	9.466	-	1.400	1.198	7403.3320	12.856	-	1.924	1.606
7434.2209	9.590	-	1.474	1.236	7404.3008	12.806	-	1.851	1.607
					7407.2958	12.300	-	1.641	1.449
	V343 Cyg								
7402.2668	13.648	-	1.553	-	7408.3019	12.167	-	1.650	1.398
7403.3109	13.772	-	1.628	1.333	7409.2959	12.431	-	1.771	-
7404.2708	13.935	-	1.624	1.364	7410.3101	12.616	-	1.809	1.571

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V347 Cyg					V356 Cyg				
7411.3140	12.767	-	1.849	1.594	7415.2697	12.288	-	1.291	1.124
7413.2911	12.801	-	1.810	1.606	7416.2663	12.551	-	1.396	1.223
7414.2878	12.466	-	1.709	1.495	7417.2586	12.721	-	1.462	1.237
7415.2663	12.212	-	1.587	1.413	7418.2550	12.792	-	1.438	1.241
7416.2637	12.297	-	1.629	1.446	7419.2340	12.122	-	1.124	1.061
7417.2549	12.190	-	1.642	1.420	7420.2308	12.255	-	1.280	1.112
7418.2535	12.495	-	1.777	1.534	7421.2208	12.529	-	1.422	1.188
7419.2309	12.634	-	1.823	1.599	7422.2346	12.725	-	1.428	1.204
7420.2279	12.771	-	1.906	1.593	7423.2386	12.807	-	1.467	1.271
7421.2187	12.920	-	1.885	1.615	7424.2484	12.072	-	1.163	1.048
7422.2302	12.713	-	1.769	1.513	7425.2674	12.264	-	1.255	1.123
7423.2354	12.397	-	1.648	1.467	7427.3086	12.774	-	1.459	1.246
7424.2456	12.216	-	1.589	1.456	7428.2353	12.782	-	1.451	1.207
7425.2645	12.280	-	1.620	1.458	7429.2383	12.177	-	1.158	1.051
7428.2292	12.656	-	1.840	1.563	7430.2232	12.217	-	1.255	1.103
7429.2356	12.843	-	1.857	1.609	7431.2727	12.514	-	1.411	1.199
7430.2216	12.878	-	1.949	1.604	7432.2532	12.719	-	1.447	1.255
7431.2690	12.658	-	1.767	1.519	7433.2538	12.812	-	1.486	1.253
7432.2501	12.281	-	1.584	1.440	7434.2505	12.162	-	1.220	1.033
7433.2502	12.274	-	1.643	1.433	V383 Cyg				
7434.2474	12.216	-	1.634	1.444	7399.3424	10.643	-	1.495	1.321
V356 Cyg					7400.2811	10.866	-	1.611	1.431
7399.4235	12.081	-	1.140	1.037	7401.2827	11.072	-	1.710	1.467
7401.3141	12.587	-	1.445	1.204	7402.2832	11.159	-	1.708	1.465
7402.3146	12.769	-	1.477	1.253	7403.3203	10.657	-	1.481	1.321
7403.3466	12.707	-	1.432	1.209	7404.2833	10.739	-	1.553	1.354
7404.3223	12.042	-	1.151	1.003	7407.2854	11.073	-	1.660	1.422
7407.3037	12.782	-	1.477	1.267	7408.2942	10.588	-	1.495	1.279
7408.3112	12.727	-	1.448	1.215	7409.2879	10.858	-	1.578	1.408
7409.3040	12.060	-	1.128	1.032	7410.3019	11.069	-	1.699	1.472
7410.3172	12.326	-	1.310	1.128	7411.3007	11.161	-	1.720	1.479
7411.3215	12.580	-	1.393	1.211	7413.2511	10.695	-	1.537	1.362
7413.2943	12.771	-	1.412	1.263	7414.2593	10.915	-	1.670	1.425
7414.2914	12.043	-	1.173	1.010	7415.2374	11.084	-	-	1.488

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V383 Cyg					V438 Cyg				
7416.2292	11.171	-	1.692	1.460	7425.2520	11.193	-	2.114	1.780
7417.2240	10.616	-	1.466	1.307	7427.2827	11.469	-	2.130	1.812
7418.2222	10.779	-	1.562	1.366	7428.2142	11.330	-	2.086	1.760
7419.2053	10.949	-	1.721	1.429	7429.2119	11.155	-	1.978	1.715
7420.2052	11.118	-	1.746	1.462	7430.2024	10.950	-	1.909	1.648
7421.1938	11.028	-	1.647	1.392	7431.2518	10.664	-	1.808	1.567
7422.2080	10.638	-	1.464	1.337	7432.2346	10.469	-	1.722	1.537
7423.2122	10.867	-	1.641	1.413	7433.2356	10.723	-	1.868	1.654
7424.2165	11.116	-	1.743	1.491	7434.2360	10.801	-	1.965	1.658
7425.2353	11.184	-	1.738	1.468	V495 Cyg				
7427.2546	10.780	-	1.553	1.339	7409.2673	10.795	-	1.647	1.454
7428.2045	10.929	-	1.692	1.409	7410.2833	10.449	-	1.545	1.381
7429.1997	11.118	-	1.691	1.456	7411.2926	10.444	-	1.543	1.392
7430.1929	11.126	-	1.709	1.447	7413.2552	10.677	-	1.669	1.461
7431.2324	10.607	-	1.475	1.299	7414.2631	10.798	-	1.742	1.476
7432.2146	10.840	-	1.564	1.399	7415.2402	10.873	-	1.674	1.507
7433.2210	11.057	-	1.704	1.467	7416.2322	10.678	-	1.628	1.433
7434.2195	11.165	-	1.711	1.492	7417.2267	10.411	-	1.559	1.367
V438 Cyg					7418.2250	10.464	-	1.573	1.366
7409.2731	10.430	-	1.684	1.521	7419.2080	10.543	-	1.639	1.422
7410.2888	10.632	-	1.829	1.612	7420.2077	10.691	-	1.689	1.457
7411.2944	10.751	-	1.894	1.669	7421.1958	10.807	-	1.705	1.468
7413.2645	11.071	-	2.057	1.784	7422.2113	10.812	-	1.674	1.483
7414.2734	11.200	-	2.164	1.781	7423.2137	10.558	-	1.575	1.404
7415.2513	11.373	-	2.141	1.821	7424.2185	10.470	-	1.575	1.414
7416.2431	11.393	-	2.094	1.773	7425.2386	10.496	-	1.606	1.383
7417.2404	11.281	-	2.045	1.768	7427.2579	10.805	-	1.687	1.465
7418.2410	11.085	-	1.984	1.705	7428.2079	10.839	-	1.719	1.473
7419.2175	10.942	-	1.915	1.658	7429.2045	10.817	-	1.677	1.454
7420.2174	10.556	-	1.760	1.553	7430.1962	10.462	-	1.570	1.376
7421.2050	10.529	-	1.796	1.568	7431.2351	10.435	-	1.573	1.370
7422.2194	10.679	-	1.892	1.657	7432.2193	10.527	-	1.586	1.420
7423.2240	10.853	-	1.995	1.704	7433.2237	10.694	-	1.659	1.486
7424.2298	11.021	-	2.069	1.765	7434.2220	10.780	-	1.710	1.475

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V924 Cyg					V1020 Cyg				
7399.2817	10.770	-	0.871	0.750	7404.2470	14.050	-	1.978	1.829
7400.2457	10.597	-	0.802	0.728	7407.2446	13.706	-	1.896	1.727
7401.2313	10.619	-	0.821	0.725	7408.2320	13.911	-	1.926	1.807
7402.2280	10.736	-	0.926	0.739	7409.2435	14.060	-	1.944	1.809
7403.2300	10.839	-	0.930	0.787	7410.2559	13.714	-	1.826	1.718
7404.2034	10.838	-	0.914	0.768	7411.2637	13.452	-	1.791	1.671
7407.2190	10.685	-	0.868	0.739	7413.2338	13.938	-	1.961	1.826
7408.1875	10.774	-	0.904	0.769	7414.2358	14.059	-	1.949	1.840
7409.2062	10.853	-	0.909	0.798	7415.2231	13.671	-	1.766	1.721
7410.2231	10.806	-	0.881	0.771	7416.2165	13.471	-	1.792	1.651
7411.2335	10.596	-	0.798	0.701	7417.2139	13.736	-	1.853	1.758
7413.2033	10.716	-	0.882	0.775	7418.2063	13.967	-	1.951	1.814
7414.1916	10.803	-	0.917	0.783	7419.1945	14.021	-	1.889	1.813
7415.2032	10.855	-	0.918	0.776	7420.1945	13.589	-	1.790	1.682
7416.1965	10.693	-	0.861	0.730	7421.1839	13.481	-	1.785	1.645
7417.1925	10.560	-	0.795	0.714	7422.1986	13.722	-	1.874	1.786
7418.1886	10.683	-	0.831	0.739	7424.2021	14.151	-	1.920	1.845
7419.1758	10.722	-	0.900	0.756	7425.2239	13.517	-	1.757	1.668
7420.1720	10.822	-	0.943	0.769	7427.2324	13.835	-	1.905	-
7421.1639	10.768	-	0.919	0.749	7431.2058	13.550	-	1.819	1.689
7422.1713	10.595	-	0.799	0.714	7432.1905	13.805	-	1.877	1.812
7423.1631	10.568	-	0.815	0.707	7433.1916	14.017	-	1.997	1.857
7424.1660	10.710	-	0.888	0.766	7434.1899	14.067	-	1.916	1.809
7425.1904	10.830	-	0.936	0.790	V1033 Cyg				
7427.2006	10.799	-	0.867	0.746	7403.2821	12.950	-	1.605	1.472
7428.1761	10.551	-	0.824	0.680	7404.2516	13.165	-	1.726	1.515
7429.1590	10.644	-	0.829	0.726	7407.2481	12.675	-	1.520	1.317
7430.1471	10.734	-	0.911	0.753	7408.2357	12.935	-	1.602	1.434
7431.1598	10.834	-	0.941	0.779	7409.2460	13.233	-	1.703	1.520
7432.1456	10.821	-	0.938	0.786	7410.2582	13.368	-	1.704	1.569
7433.1516	10.665	-	0.839	0.735	7411.2661	13.334	-	1.746	1.535
7434.1533	10.556	-	0.817	0.703	7413.2401	12.966	-	1.618	1.477
V1020 Cyg					7414.2429	13.180	-	1.768	1.509
7403.2724	13.917	-	1.982	1.782	7415.2279	13.355	-	1.775	1.545

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V1033 Cyg					V1046 Cyg				
7416.2210	13.351	-	1.755	1.513	7421.1982	12.502	-	1.680	1.470
7417.2182	12.652	-	1.460	1.325	7422.2130	12.060	-	1.513	1.339
7418.2137	12.983	-	1.612	1.482	7423.2162	12.321	-	1.670	1.456
7419.1986	13.141	-	1.752	1.508	7424.2211	12.582	-	1.761	1.543
7420.1994	13.334	-	1.781	1.527	7425.2415	12.641	-	1.829	1.490
7421.1886	13.330	-	1.718	1.492	7427.2615	12.164	-	1.572	1.353
7422.2005	12.661	-	1.492	1.350	7428.2103	12.315	-	1.692	1.423
7423.2034	12.963	-	1.641	1.476	7429.2067	12.540	-	1.762	1.501
7424.2051	13.288	-	1.761	1.599	7430.1986	12.635	-	-	1.495
7425.2261	13.355	-	1.771	1.528	7431.2370	12.448	-	1.673	1.441
7428.1879	12.986	-	1.620	1.463	7432.2208	12.106	-	1.535	1.350
7429.1829	13.213	-	1.727	1.520	7433.2244	12.352	-	1.703	1.464
7430.1699	13.330	-	1.744	1.523	7434.2248	12.556	-	1.759	1.496
7431.2208	13.268	-	1.726	1.475	V1154 Cyg				
7432.2038	12.708	-	1.467	1.355	7410.2958	9.045	0.459	0.840	0.745
7433.2084	13.037	-	1.638	1.482	7411.3078	9.202	-	0.948	0.810
7434.2057	13.245	-	1.738	1.552	7413.2852	9.393	-	0.982	0.850
V1046 Cyg					7414.2047	9.115	-	0.857	0.732
7402.2787	12.061	-	1.541	1.329	7415.1922	9.023	0.412	0.852	0.737
7403.3171	12.283	-	1.639	1.424	7416.1674	9.184	-	0.952	0.785
7404.2806	12.483	-	1.720	1.483	7417.1663	9.282	-	1.016	0.811
7407.2771	12.070	-	1.529	1.326	7418.1680	9.370	-	0.997	0.821
7408.2665	12.276	-	1.675	1.419	7419.1674	-	-	0.834	0.692
7409.2706	12.511	-	1.760	1.497	7420.1729	9.006	-	0.849	0.704
7410.2845	12.672	-	1.794	1.537	7421.1649	9.160	-	0.941	0.778
7411.2890	12.524	-	1.695	1.467	7422.1745	9.293	-	0.996	0.823
7413.2571	12.274	-	1.667	1.435	7423.1656	9.350	-	0.991	0.810
7414.2657	12.470	-	1.781	1.459	7424.1682	9.088	-	0.860	0.738
7415.2416	12.641	-	1.781	1.520	7425.1946	9.065	-	0.853	0.745
7416.2343	12.512	-	1.684	1.451	7427.1989	9.385	-	1.030	0.807
7417.2288	12.057	-	1.526	1.330	7428.1568	9.341	-	0.998	0.797
7418.2269	12.283	-	1.636	1.426	7429.1617	9.102	-	0.816	0.721
7419.2102	12.466	-	1.743	1.479	7430.1580	9.055	0.425	0.867	0.741
7420.2096	12.628	-	1.795	1.506	7431.1617	9.246	-	0.958	0.781

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V1154 Cyg					V1467 Cyg				
7432.1669	9.327	-	1.007	0.811	7410.2642	14.037	-	2.582	2.275
7433.1528	9.357	-	0.999	0.814	7411.2715	13.965	-	2.624	2.242
7434.1554	9.024	-	0.831	0.714	7413.2448	13.696	-	2.457	2.179
V1334 Cyg					7414.2556	13.516	-	2.445	2.103
7414.1034	5.938	0.168	0.508	0.479	7415.2343	13.349	-	2.336	2.067
7415.1019	5.941	0.167	0.498	0.492	7416.2240	13.227	-	2.252	2.008
7416.0986	5.860	0.183	0.403	0.498	7417.2223	13.098	-	2.267	1.974
7417.1010	5.884	0.159	0.466	0.520	7418.2178	13.088	-	2.198	1.992
7418.0985	5.959	0.142	0.577	0.464	7419.2038	-	-	2.198	1.964
7419.0958	5.825	0.176	0.453	0.449	7420.2031	13.047	-	2.237	1.977
7420.0961	5.838	0.182	0.470	0.475	7422.2043	13.067	-	2.269	2.028
7421.0950	5.914	0.140	0.563	0.478	7423.2102	13.116	-	2.262	2.041
7422.0893	5.908	0.110	0.562	0.457	7424.2099	13.210	-	2.308	2.103
7423.0928	5.824	0.160	0.504	0.460	7425.2339	13.177	-	2.320	2.076
7424.0909	5.906	-	0.563	0.492	7427.2441	13.294	-	2.428	2.107
7425.0931	5.915	0.150	0.535	0.459	7428.2018	13.270	-	2.502	2.131
7427.0903	-	0.189	0.472	-	7429.1936	13.318	-	-	2.159
7428.0862	5.951	0.145	0.549	0.494	7430.1861	13.293	-	-	2.120
7429.0886	5.864	0.151	0.486	0.463	7431.2238	13.326	-	2.543	2.144
7430.0852	5.835	0.160	0.434	0.486	7432.2132	13.375	-	2.529	2.164
7431.0842	5.928	0.160	0.526	0.494	7433.2185	13.395	-	2.587	2.173
7432.0844	5.894	0.203	0.464	0.490	7434.2093	13.442	-	2.520	2.205
7433.0807	5.834	0.175	0.400	0.510	AA Gem				
7434.0815	5.887	0.141	0.548	0.472	7408.4991	9.792	-	1.102	0.897
V1467 Cyg					7409.5031	9.757	-	0.999	0.872
7399.3310	13.863	-	-	2.302	7410.5035	9.527	-	0.900	0.838
7400.2580	13.841	-	2.781	2.291	7411.5082	-	0.522	0.893	0.852
7401.2459	13.862	-	2.688	-	7413.5012	9.638	-	1.062	-
7402.2464	13.977	-	2.719	2.314	7414.5001	9.750	-	1.167	0.949
7403.3004	13.984	-	2.790	2.298	7415.5019	9.879	-	1.240	0.970
7404.2654	13.989	-	2.719	2.288	7417.4967	10.084	-	1.258	1.016
7407.2631	14.079	-	2.735	2.290	7418.4944	9.953	-	-	0.980
7408.2511	14.061	-	2.675	2.306	7419.4997	9.763	-	1.075	0.894
7409.2505	14.089	-	2.669	2.284	7420.4985	9.761	-	1.070	0.874



Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
AA Gem					V Lac				
7421.4986	9.592	-	0.958	0.828	7423.3670	9.117	0.548	0.934	0.842
7422.5014	9.438	-	0.872	0.811	7424.2615	8.455	0.354	0.729	0.675
7424.4941	9.554	-	1.034	0.879	7425.2802	8.847	0.502	0.958	0.798
7425.4942	9.727	-	1.122	0.919	7427.3216	-	-	1.164	0.909
7427.4965	9.972	-	1.288	0.986	7428.2496	9.149	0.569	1.015	0.829
7428.4865	10.094	-	1.287	0.989	7428.4058	9.012	0.504	0.920	0.796
7430.5011	9.839	-	1.109	0.922	7429.2508	8.489	0.388	0.720	0.661
7431.5017	9.767	-	1.052	0.869	7430.2364	8.829	0.503	0.951	0.787
7432.4983	9.644	-	0.989	0.854	7430.4366	8.930	0.518	0.996	0.824
7433.4749	9.433	-	0.931	0.803	7431.2853	9.131	0.627	1.089	0.884
7434.4903	9.431	-	0.927	0.820	7432.2709	9.294	-	1.121	0.916
V Lac					7433.2649	9.170	0.538	0.969	0.856
7399.4513	8.550	0.426	0.740	0.688	7434.2601	8.474	0.397	0.757	0.646
7400.3481	8.857	0.487	0.930	0.801	X Lac				
7401.3335	9.095	0.619	1.059	0.854	7399.4486	8.299	0.515	0.892	0.791
7402.3277	9.300	0.703	1.145	0.910	7400.3496	8.417	0.547	0.979	0.832
7403.3594	9.162	-	1.035	0.842	7401.3341	8.547	0.612	1.036	0.853
7404.3611	8.486	-	0.737	0.639	7402.3310	8.593	0.616	1.040	0.860
7407.3216	9.326	0.691	1.140	0.918	7403.3610	8.298	-	0.904	0.752
7408.3223	9.148	-	1.021	0.828	7404.3622	8.206	-	0.848	0.735
7409.3186	8.470	0.418	0.705	0.668	7407.3220	8.616	0.588	1.072	0.868
7410.3420	8.864	0.499	0.955	0.805	7408.3228	8.498	0.562	0.978	0.814
7411.3398	9.127	0.629	1.046	0.901	7409.3201	8.152	0.463	0.818	0.733
7413.3047	9.182	-	1.002	0.867	7410.3429	8.266	0.474	0.920	0.769
7413.4199	9.109	0.516	0.887	0.860	7411.3404	8.425	0.588	0.976	0.842
7414.3042	8.469	0.409	0.750	0.641	7413.3052	8.595	-	1.027	0.860
7415.2825	8.844	0.513	0.936	0.797	7413.4201	8.625	0.603	0.967	0.874
7416.2784	9.113	0.631	1.057	0.872	7414.3055	8.272	0.464	0.884	0.748
7417.2693	9.289	0.689	1.110	0.898	7415.2830	8.217	0.468	0.852	0.763
7418.2669	9.185	-	1.026	0.855	7416.2802	8.335	0.547	0.950	0.795
7419.2462	8.460	0.402	0.724	0.642	7417.2712	8.491	-	1.028	0.840
7420.2407	8.830	0.497	0.941	0.789	7418.2675	8.585	-	1.045	0.876
7421.2335	9.118	-	1.067	0.876	7419.2465	8.480	0.540	0.956	0.811
7422.2465	9.283	0.659	1.120	0.925	7420.2421	8.174	0.441	0.833	0.728

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
X Lac					Z Lac				
7421.2339	8.275	0.514	0.902	0.777	7419.2443	8.379	0.664	1.078	0.886
7422.2494	8.417	0.542	1.003	0.840	7420.2388	8.173	0.572	0.981	0.826
7423.3687	8.616	0.664	1.028	0.888	7421.2319	7.959	0.538	0.931	0.795
7424.2618	8.551	0.537	1.014	0.872	7422.2442	8.161	0.603	1.099	0.887
7425.2811	8.225	0.448	0.870	0.742	7423.3639	8.348	0.814	1.166	0.965
7427.3239	8.426	0.547	0.984	0.803	7424.2594	8.419	0.837	1.263	1.004
7428.2500	8.507	0.622	1.035	0.836	7425.2774	8.613	1.007	1.347	1.027
7428.4067	8.549	0.596	1.048	0.854	7427.3188	8.883	1.074	1.404	1.034
7429.2514	8.602	0.586	1.055	0.850	7428.2468	8.731	0.927	1.269	0.988
7430.2370	8.443	0.514	0.947	0.808	7428.4025	8.733	0.882	1.254	1.001
7430.4375	8.381	0.477	0.919	0.788	7429.2487	8.531	0.676	1.155	0.937
7431.2871	8.170	0.452	0.864	0.724	7430.2337	8.372	0.649	1.082	0.890
7432.2745	8.284	0.580	0.902	0.804	7430.4339	8.382	0.655	1.086	0.893
7433.2671	8.478	0.577	1.006	0.853	7431.2824	8.094	0.547	0.966	0.806
7434.2605	8.574	0.583	1.082	0.857	7432.2681	7.995	0.641	0.956	0.819
Z Lac					7433.2624	8.217	0.679	1.076	0.915
7399.4412	7.969	0.555	0.907	0.803	7434.2583	8.300	0.768	1.195	0.938
7400.3413	8.186	0.634	1.045	0.891	RR Lac				
7401.3269	8.269	0.729	1.157	0.916	7399.4437	9.037	0.664	1.045	0.876
7402.3235	8.415	0.899	1.257	0.955	7400.3439	9.211	0.667	1.115	0.876
7403.3570	8.608	-	1.333	1.027	7402.3235	8.659	0.441	0.819	0.710
7404.3588	8.731	-	-	1.040	7403.3582	8.539	-	0.785	0.709
7407.3174	8.548	0.709	1.192	0.946	7404.3600	8.743	-	0.925	0.775
7408.3200	8.379	-	1.092	0.886	7407.3194	9.231	0.695	1.138	0.898
7409.3162	8.193	0.575	0.992	0.847	7408.3211	8.953	-	0.950	0.791
7410.3396	7.945	0.542	0.931	0.792	7409.3180	8.426	0.418	0.715	0.666
7411.3354	8.174	0.689	1.069	0.888	7410.3401	8.635	0.463	0.875	0.739
7413.3031	8.438	-	1.249	1.004	7411.3359	8.842	0.575	0.960	0.826
7413.4155	8.500	0.918	-	1.020	7413.3038	9.196	-	1.107	0.917
7414.3016	8.594	1.007	1.349	1.013	7413.4174	9.243	0.730	1.073	0.940
7415.2799	8.771	1.112	1.380	1.053	7414.3030	9.144	0.618	1.068	0.858
7416.2761	8.854	1.109	1.369	1.055	7415.2807	8.575	0.421	0.767	0.690
7417.2675	8.757	-	1.277	1.003	7416.2780	8.528	0.444	0.795	0.685
7418.2657	8.530	-	1.158	0.951	7417.2688	8.739	0.480	0.937	0.775

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
RR Lac					T Mon				
7418.2659	8.915	-	1.011	0.859	7425.5024	6.625	1.201	1.347	1.006
7419.2448	9.121	-	1.107	0.884	7427.5009	6.589	1.089	1.343	0.992
7420.2402	9.226	-	1.123	0.898	7428.4907	6.612	1.028	1.327	0.952
7421.2325	8.919	-	0.930	0.790	7430.5068	6.085	0.682	1.074	0.836
7422.2461	8.430	0.390	0.754	0.669	7431.5056	5.780	0.569	0.882	0.793
7423.3659	8.726	0.514	0.866	0.792	7432.5033	5.633	0.615	0.811	0.775
7424.2596	8.823	0.506	0.991	0.832	7433.4790	5.642	0.564	0.880	0.768
7425.2776	9.035	0.638	1.098	0.858	7434.4949	5.704	0.623	0.907	0.807
7427.3192	9.140	0.591	1.032	0.842	SV Mon				
7428.2473	8.469	0.431	0.736	0.653	7408.5027	8.119	-	1.072	0.864
7428.4039	8.446	0.391	0.736	0.649	7409.5065	8.208	0.863	1.169	0.899
7429.2492	8.565	0.437	0.814	0.708	7410.5064	8.327	-	1.182	0.970
7430.2344	8.764	0.524	0.961	0.793	7411.5109	8.462	-	1.270	0.981
7430.4348	8.852	0.528	0.980	0.825	7413.5050	8.718	-	1.307	1.059
7431.2842	8.962	0.618	1.041	0.860	7414.5030	8.779	-	1.370	1.042
7432.2693	9.146	0.753	1.103	0.907	7415.5041	8.821	-	1.335	1.030
7433.2644	9.231	0.676	1.082	0.912	7417.5006	8.508	-	1.092	0.913
7434.2587	8.751	0.453	0.890	0.736	7418.5000	8.506	-	1.076	0.903
T Mon					7419.5034	7.855	-	0.810	0.700
7407.5063	5.671	-	0.927	0.822	7420.5045	7.759	0.434	0.793	0.683
7408.5042	5.774	-	1.040	0.821	7421.5024	7.852	0.513	0.865	0.735
7409.5079	5.844	0.804	1.064	0.834	7422.5028	7.904	0.628	0.976	0.779
7410.5074	5.864	0.944	1.085	0.870	7424.4974	8.173	0.887	1.112	0.914
7411.5125	5.974	0.943	1.182	0.923	7425.5011	8.301	0.964	1.166	0.935
7413.5081	6.082	1.107	1.231	0.972	7427.4983	8.500	1.080	1.319	0.984
7414.5043	6.111	1.133	1.292	0.978	7428.4892	8.697	-	1.354	1.012
7415.5058	6.178	1.161	1.331	0.976	7430.5038	8.808	-	1.371	1.025
7417.5041	6.339	1.233	1.375	1.015	7431.5042	8.740	-	1.256	0.988
7418.5031	6.321	1.274	1.396	1.007	7432.5018	8.499	-	1.115	0.932
7419.5070	6.409	1.298	1.443	1.028	7433.4775	8.513	0.726	1.110	0.881
7420.5076	6.481	1.307	1.437	1.020	7434.4934	8.084	0.521	0.856	0.757
7421.5055	6.520	1.332	1.422	1.018	Y Oph				
7422.5058	6.523	1.319	1.448	1.003	7399.1555	6.396	1.225	1.537	1.233
7424.4986	6.605	1.312	1.385	1.011	7400.2171	6.378	-	1.521	1.285

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
Y Oph					SV Per				
7401.1304	6.302	1.156	1.482	1.225	7407.4513	9.342	-	1.169	1.007
7402.1324	6.292	1.097	1.430	1.228	7408.4475	9.279	-	1.146	0.988
7403.1280	6.160	0.997	1.385	1.170	7409.4243	9.082	-	1.058	0.919
7404.1303	6.008	0.907	1.322	1.118	7410.4422	9.009	-	1.023	0.922
7408.1243	-	-	1.334	1.169	7411.4530	8.650	0.402	0.900	0.817
7409.1256	6.025	0.973	1.402	1.178	7413.3887	8.766	0.569	0.969	0.912
7410.1388	6.041	1.054	1.398	1.204	7413.4606	8.780	-	0.992	0.915
7411.1350	6.127	1.105	1.441	1.209	7414.4561	8.850	0.644	1.103	0.919
7412.1446	6.198	1.151	1.493	1.233	7415.4547	9.005	0.617	1.142	0.980
7413.1276	6.257	1.161	1.534	1.239	7416.3952	9.123	-	1.200	1.003
7414.1307	6.322	1.200	1.546	1.256	7417.3960	9.270	-	1.202	1.017
7415.1365	6.322	1.201	1.550	1.250	7418.3971	9.375	-	1.181	1.036
7416.1271	6.361	1.190	1.525	1.264	7419.3826	9.345	-	1.177	1.000
7417.1265	6.343	1.189	1.512	1.263	7420.3830	9.093	-	1.075	0.932
7418.1258	6.320	1.133	1.499	1.205	7421.3775	9.003	-	1.048	0.896
7420.1241	6.173	1.056	1.406	1.187	7422.3614	8.720	-	0.956	0.817
7421.1177	6.049	0.977	1.361	1.154	7423.4729	8.639	-	0.921	0.843
7422.1184	5.910	0.922	1.295	1.115	7424.3894	8.716	0.565	0.977	0.870
7423.1184	5.868	0.889	1.276	1.099	7425.4402	8.855	0.575	1.068	0.925
7424.1180	5.885	0.952	1.305	1.130	7427.4383	9.104	0.604	1.224	0.974
7425.1191	5.945	0.954	1.341	1.142	7428.3551	9.236	-	1.218	1.008
7427.1232	6.043	1.042	1.412	1.180	7428.4547	9.269	-	1.215	0.998
7428.1147	6.134	1.092	1.450	1.199	7430.3667	9.346	-	1.162	1.000
7429.1217	6.197	1.136	1.505	1.230	7431.4172	9.117	-	1.082	0.935
7430.1124	6.267	1.202	1.459	1.252	7432.4184	9.005	-	1.026	0.911
7431.1132	6.320	1.186	1.520	1.269	7433.3831	8.861	0.485	0.976	0.876
7432.1106	6.340	1.186	1.547	1.251	7434.4024	8.579	0.462	0.886	0.818
7433.1065	6.352	1.189	1.525	1.250	BM Per				
7434.1104	6.370	1.190	1.508	1.255	7402.4493	10.062	-	1.673	1.438
SV Per					7403.4782	10.109	-	1.746	1.480
7401.4812	8.679	-	0.961	0.841	7404.4670	10.183	-	1.799	1.505
7402.4523	8.777	-	1.035	0.889	7407.4486	10.399	-	1.904	1.623
7403.4836	8.878	-	1.118	0.936	7408.4454	10.436	-	1.988	1.612
7404.4738	9.016	-	1.160	0.963	7409.4220	10.546	-	1.992	1.656

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	BM Per					CI Per			
7410.4403	10.618	-	2.026	1.666	7415.3342	12.871	-	0.888	0.814
7411.4514	10.687	-	2.083	1.668	7416.3292	12.418	-	0.729	0.674
7413.3864	10.857	-	2.072	1.708	7417.3227	12.603	-	0.794	0.744
7414.4532	10.893	-	2.093	1.702	7418.3194	12.854	-	0.893	0.818
7415.4521	10.932	-	2.071	1.689	7419.3035	12.629	-	0.792	0.735
7416.3933	10.935	-	2.061	1.683	7420.2916	12.461	-	0.779	0.693
7417.3943	10.952	-	2.013	1.665	7421.2849	12.795	-	0.886	0.820
7418.3957	10.938	-	1.979	1.671	7422.2990	12.832	-	0.843	0.789
7419.3822	10.990	-	1.957	1.656	7423.4316	12.416	-	0.723	0.697
7420.3810	10.727	-	1.834	1.543	7424.3672	12.730	-	0.857	0.795
7421.3761	9.984	-	1.528	1.330	7425.3346	12.881	-	0.872	0.786
7422.3607	9.755	-	1.480	1.285	7427.4100	12.694	-	0.869	0.796
7423.4729	9.867	-	1.517	1.344	7428.3069	12.874	-	0.870	0.855
7424.3873	9.979	-	1.553	1.417	7430.3232	12.539	-	0.766	0.761
7425.4388	10.045	-	1.650	1.438	7431.3726	12.822	-	0.888	0.796
7427.4359	10.196	-	1.841	1.526	7432.3695	12.747	-	0.868	0.811
7428.3533	10.240	-	1.851	1.543	7433.3506	12.451	-	0.760	0.762
7428.4525	10.273	-	1.847	1.550	7434.3587	12.715	-	0.895	0.783
7430.3648	10.399	-	1.953	1.605				S Sge	
7431.4150	10.473	-	1.988	1.616	7399.1424	5.453	0.507	0.681	0.616
7432.4162	10.509	-	2.026	1.642	7400.1313	5.390	0.459	0.687	0.586
7433.3813	10.637	-	2.034	1.666	7401.1221	5.684	0.581	0.891	0.730
7434.4002	10.707	-	2.028	1.684	7402.1193	5.855	0.653	0.975	0.815
	CI Per				7403.1189	5.992	0.736	1.031	0.798
7401.4316	12.757	-	0.867	0.813	7404.1181	5.979	0.650	1.007	0.742
7402.4070	12.835	-	0.859	0.841	7408.1173	-	-	0.668	0.631
7404.4421	12.708	-	0.852	0.791	7409.1194	5.631	0.533	0.811	0.735
7407.4184	12.599	-	0.854	0.770	7410.1205	5.811	0.556	1.000	0.799
7408.4147	12.841	-	0.910	0.828	7411.1164	5.938	0.741	1.018	0.795
7409.3968	12.746	-	0.776	0.799	7412.1182	6.036	0.711	1.021	0.791
7410.4112	12.504	-	0.797	0.743	7413.1102	5.879	0.518	0.854	0.766
7411.4243	12.817	-	0.882	0.867	7414.1132	5.466	0.426	0.616	0.605
7413.3567	12.376	-	0.698	0.687	7415.1114	5.311	0.458	0.600	0.559
7414.3730	12.714	-	0.837	0.785	7416.1099	5.416	0.459	0.700	0.619

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
S Sge					GY Sge				
7417.1093	5.416	0.496	0.764	0.635	7418.1824	10.540	-	2.424	2.041
7418.1100	5.706	0.556	0.910	0.737	7419.1593	10.455	-	2.406	1.975
7419.1056	5.816	0.685	0.971	0.764	7420.1648	10.491	-	2.424	1.978
7420.1051	5.992	0.773	1.053	0.765	7421.1565	10.463	-	2.411	1.981
7421.1032	5.924	0.612	1.006	0.723	7422.1621	10.465	-	2.387	1.958
7422.1000	5.574	-	-	0.619	7423.1525	10.396	-	2.358	1.937
7423.1017	5.298	0.415	0.575	0.576	7424.1567	10.354	-	2.327	1.953
7424.0992	5.457	0.520	-	0.635	7425.1682	10.283	-	2.280	1.909
7425.1027	5.364	0.449	0.690	0.605	7427.1826	10.184	-	2.209	1.866
7427.1022	5.780	0.623	0.974	0.763	7428.1535	10.029	-	2.191	1.812
7428.0965	5.932	0.726	1.055	0.760	7429.1501	10.006	-	2.153	1.833
7429.1031	6.001	0.719	1.004	0.765	7430.1350	9.930	-	2.108	1.797
7430.0947	5.776	0.469	0.814	0.724	7431.1458	9.910	-	2.091	1.791
7431.0945	5.308	0.414	0.597	0.532	7432.1328	9.866	-	2.115	1.789
7432.0930	5.341	0.499	0.626	0.578	7433.1373	9.890	-	2.127	1.807
7433.0904	5.377	0.463	0.670	0.621	7434.1417	9.864	-	2.119	1.791
7434.0919	5.526	0.482	0.831	0.667	U Sgr				
GY Sge					7409.1590	6.806	0.853	1.296	0.993
7399.2658	10.164	-	2.341	1.968	7410.1334	6.908	0.982	1.303	1.003
7400.2393	10.189	-	2.345	1.980	7411.1293	7.049	0.965	1.275	1.018
7401.2261	10.212	-	2.359	1.968	7412.1391	6.615	0.659	1.103	0.875
7402.2239	10.229	-	2.364	1.969	7413.1225	6.336	0.589	0.956	0.807
7403.2254	10.265	-	2.376	1.973	7414.1262	6.573	0.724	1.082	0.925
7404.1991	10.258	-	2.379	1.968	7415.1264	6.610	0.768	1.173	0.935
7407.2154	10.338	-	2.415	2.009	7416.1220	6.863	0.908	1.281	1.009
7408.1839	10.343	-	2.414	1.992	7417.1204	7.030	1.000	1.339	1.038
7409.2034	10.360	-	2.416	2.004	7418.1210	6.975	0.884	1.245	0.961
7410.2065	10.399	-	2.460	2.001	7419.1167	6.543	0.584	1.057	0.830
7411.2319	10.439	-	2.412	2.028	7420.1166	6.386	0.609	1.014	0.843
7413.1910	10.464	-	2.441	2.033	7421.1136	6.611	0.741	1.155	0.928
7414.1791	10.467	-	2.438	2.018	7422.1133	6.670	0.814	1.220	0.974
7415.1807	10.502	-	2.456	2.020	7423.1127	6.870	0.900	1.304	0.976
7416.1862	10.503	-	2.437	2.002	7424.1112	7.035	0.994	1.354	1.027
7417.1808	10.500	-	2.437	2.007	7425.1134	6.893	0.797	1.203	0.956

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	U Sgr					WZ Sgr			
7427.1160	6.400	0.625	1.034	0.863	7403.1481	8.269	-	1.674	1.214
7428.1100	6.640	0.739	1.124	0.970	7404.1457	8.357	-	1.666	1.213
7429.1162	6.704	0.827	1.245	0.958	7408.1400	8.575	-	1.673	1.264
7430.1080	6.929	0.984	1.255	1.016	7409.1443	8.461	-	1.712	1.227
7431.1077	7.071	0.963	1.310	1.047	7410.1542	8.364	-	1.556	1.212
7432.1053	6.763	0.636	1.147	0.920	7411.1553	8.309	-	1.520	1.168
7433.1016	6.302	0.582	0.912	0.777	7412.1600	8.354	-	1.534	1.184
7434.1050	6.491	0.682	1.071	0.873	7413.1440	7.866	0.934	1.301	1.007
	VY Sgr				7414.1415	7.521	0.739	1.133	0.957
7401.1542	11.839	-	2.267	1.833	7415.1461	7.420	0.751	1.148	0.930
7402.1476	12.006	-	2.315	1.893	7416.1405	7.498	-	1.195	0.968
7403.1437	11.959	-	2.213	1.823	7417.1348	7.613	0.945	1.290	1.019
7404.1424	11.763	-	2.103	1.765	7418.1358	7.710	-	1.368	1.029
7408.1353	11.030	-	1.799	1.618	7419.1289	7.869	-	1.487	1.105
7409.1410	11.094	-	1.987	1.645	7420.1326	7.876	-	1.509	1.138
7410.1526	11.214	-	1.972	1.743	7421.1251	7.957	-	1.551	1.160
7411.1534	11.368	-	2.080	1.770	7422.1282	8.065	-	1.642	1.191
7412.1577	11.561	-	2.173	1.818	7423.1276	8.078	-	1.636	1.161
7413.1414	11.632	-	2.233	1.792	7424.1288	8.186	-	1.679	1.223
7414.1393	11.808	-	2.288	1.843	7425.1329	8.278	-	1.681	1.227
7415.1447	11.894	-	2.330	1.842	7427.1365	8.439	-	1.700	1.277
7416.1385	11.959	-	2.290	1.865	7428.1276	8.508	-	1.719	1.255
7417.1334	11.881	-	2.227	1.835	7429.1249	8.516	-	1.777	1.233
7418.1342	11.639	-	2.124	1.737	7430.1156	8.528	-	1.676	1.224
7419.1270	11.697	-	2.067	1.763	7431.1170	8.485	-	1.670	1.245
7420.1314	11.157	-	1.876	1.615	7432.1119	8.416	-	1.617	1.200
7421.1222	10.956	-	1.813	1.592	7433.1097	8.290	-	1.524	1.129
7422.1256	11.108	-	1.942	1.671	7434.1137	8.308	-	1.496	1.120
7423.1255	11.146	-	1.993	1.656		AP Sgr			
7425.1291	-	-	2.116	1.819	7401.1594	6.648	0.439	0.722	0.609
7427.1348	11.723	-	2.233	1.866	7402.1514	6.973	0.548	0.862	0.757
7428.1244	11.884	-	2.272	1.885	7403.1453	7.136	0.578	0.980	0.760
	WZ Sgr				7404.1429	7.292	0.670	1.001	0.751
7402.1537	8.219	-	1.603	1.256	7408.1368	7.171	0.694	0.957	0.756

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
AP Sgr					AV Sgr				
7409.1426	7.302	0.622	1.121	0.801	7413.1361	11.404	-	2.327	1.846
7410.1366	6.880	0.457	0.770	0.688	7414.1341	11.595	-	2.312	1.937
7411.1328	6.602	0.411	0.690	0.577	7415.1397	11.663	-	2.411	1.903
7412.1430	6.935	0.536	0.930	0.718	7416.1315	11.784	-	2.378	1.949
7413.1254	7.103	0.629	0.989	0.737	7417.1284	11.862	-	2.349	1.969
7414.1291	7.328	0.686	1.065	0.802	7418.1292	11.762	-	2.318	1.856
7415.1340	6.986	0.462	0.829	0.689	7419.1226	11.768	-	2.322	1.907
7416.1255	6.600	0.401	0.705	0.590	7420.1271	11.533	-	2.204	1.852
7417.1239	6.906	0.522	0.894	0.708	7421.1189	11.411	-	2.087	1.822
7418.1239	7.109	0.668	1.019	0.729	7422.1215	10.714	-	1.856	1.597
7419.1192	-	0.713	1.118	0.824	7423.1204	10.739	-	1.944	1.599
7421.1152	6.619	0.408	0.685	0.603	7424.1206	10.958	-	1.958	1.743
7422.1167	6.963	0.569	0.930	0.712	7425.1225	11.046	-	2.045	1.750
7423.1165	7.068	0.605	1.002	0.738	7427.1270	11.235	-	2.237	1.858
7424.1156	7.320	0.716	1.085	0.835	7428.1198	11.418	-	2.182	1.909
7425.1162	7.153	0.529	0.918	0.736	BB Sgr				
7427.1207	6.821	0.474	0.859	0.707	7401.1970	7.188	0.780	1.129	0.893
7428.1133	7.104	0.629	0.969	0.787	7402.1881	6.814	0.537	0.903	0.761
7429.1176	7.222	0.690	1.089	0.789	7403.1813	6.647	0.490	0.856	0.687
7430.1106	7.169	0.556	0.929	0.707	7404.1648	6.840	-	0.967	0.791
7431.1107	6.545	0.340	0.676	0.568	7408.1604	7.077	0.653	1.037	0.864
7432.1082	6.874	0.438	0.855	0.659	7409.1742	6.689	0.474	0.893	0.738
7433.1040	7.044	0.615	0.957	0.711	7410.1287	6.655	0.574	0.941	0.745
7434.1086	7.270	0.713	1.025	0.790	7411.1237	6.860	0.661	1.022	0.830
AV Sgr					7412.1259	7.000	0.789	1.091	0.867
7401.1456	11.816	-	2.375	1.931	7413.1162	7.106	0.864	1.169	0.844
7402.1382	11.864	-	2.241	1.958	7414.1201	7.279	0.859	1.159	0.917
7403.1350	11.720	-	2.288	1.858	7415.1206	6.905	0.584	1.011	0.787
7404.1332	11.576	-	2.200	1.792	7416.1156	6.643	0.501	0.886	0.723
7408.1274	10.903	-	1.895	1.709	7417.1143	6.805	0.571	1.016	0.797
7409.1279	10.954	-	2.048	1.716	7418.1160	6.863	0.710	1.042	0.788
7410.1469	11.040	-	2.053	1.782	7419.1107	7.124	0.812	1.168	0.864
7411.1471	11.168	-	2.160	1.808	7420.1110	7.219	0.852	1.232	0.932
7412.1527	11.398	-	2.249	1.816	7421.1087	7.227	0.794	1.139	0.915



Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
BB Sgr					Y Sct				
7422.1059	6.815	0.560	0.899	0.765	7424.1430	9.944	-	1.815	1.445
7423.1074	6.659	0.515	0.894	0.734	7425.1483	9.983	-	1.747	1.418
7424.1045	6.860	0.615	1.024	0.783	7427.1548	9.682	-	1.545	1.321
7425.1078	6.937	0.708	1.114	0.849	7428.1400	9.528	-	1.496	1.276
7427.1087	7.213	0.872	1.193	0.917	7429.1375	9.225	-	1.435	1.189
7428.1032	7.072	0.646	1.048	0.884	7430.1255	9.353	-	1.503	1.262
7429.1117	6.639	0.487	0.891	0.719	7431.1267	9.457	-	1.590	1.309
7430.1011	6.721	0.589	0.931	0.757	7432.1210	9.614	-	1.702	1.343
7431.1010	6.880	0.658	1.034	0.853	7433.1161	9.782	-	1.746	1.390
7432.0987	7.009	0.727	1.127	0.842	7434.1228	9.946	-	1.780	1.426
7433.0961	7.125	0.849	1.126	0.868	Z Sct				
7434.0990	7.259	0.806	1.182	0.899	7401.1876	10.029	-	1.643	1.227
Y Sct					7402.1813	10.067	-	1.610	1.231
7400.2267	9.497	-	1.597	1.353	7403.1765	9.959	-	1.503	1.181
7401.1851	9.624	-	1.685	1.350	7404.1600	9.730	-	1.381	1.099
7402.1786	9.797	-	1.741	1.401	7408.1593	9.241	0.871	1.230	1.027
7403.1736	9.974	-	1.767	1.431	7409.1737	9.343	-	1.329	1.086
7404.1593	10.012	-	1.763	1.401	7410.1765	9.486	-	1.398	1.146
7408.1561	9.315	0.989	1.417	-	7411.1795	9.625	-	1.505	1.178
7409.1710	9.304	-	1.488	1.246	7412.1844	9.804	-	1.609	1.248
7410.1759	9.402	-	1.551	1.297	7413.1668	9.895	-	1.599	1.235
7411.1785	9.572	-	1.646	1.348	7414.1534	10.015	-	1.645	1.227
7412.1834	9.787	-	1.763	1.439	7415.1583	10.036	-	1.628	1.237
7413.1661	9.881	-	1.782	1.431	7416.1521	9.917	-	1.511	1.182
7414.1523	10.012	-	1.827	1.434	7417.1465	9.711	-	1.394	1.128
7415.1572	9.944	-	1.765	1.416	7418.1481	9.635	-	1.343	1.060
7416.1510	9.723	-	1.609	1.341	7419.1404	9.355	-	1.218	1.008
7417.1458	9.564	-	1.553	1.281	7420.1437	9.085	-	1.133	0.947
7418.1469	9.477	-	1.502	1.237	7421.1376	9.242	-	1.257	1.021
7419.1394	9.254	-	1.437	1.215	7422.1521	9.358	-	1.362	1.088
7420.1429	9.370	-	1.532	1.274	7423.1411	9.491	-	1.431	1.118
7421.1368	9.512	-	1.610	1.322	7424.1449	9.640	-	1.500	1.173
7422.1502	9.685	-	1.717	1.390	7425.1503	9.772	-	1.548	1.192
7423.1399	9.820	-	1.801	1.392	7427.1567	10.068	-	1.588	1.222

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
Z Sct					EW Sct				
7428.1416	10.068	-	1.574	1.237	7408.1534	8.044	1.458	1.772	1.604
7429.1388	9.914	-	1.531	1.162	7409.1665	8.217	1.498	1.838	1.646
7430.1269	9.730	-	1.355	1.140	7410.1312	7.958	1.326	1.725	1.552
7431.1279	9.642	-	1.314	1.100	7411.1270	7.648	1.236	1.602	1.479
7432.1223	9.304	-	1.187	0.993	7412.1332	7.854	1.317	1.730	1.553
7433.1173	9.122	-	1.147	0.962	7413.1193	8.098	1.504	1.823	1.594
7434.1236	9.274	-	1.228	1.033	7414.1232	8.257	-	1.820	1.678
SU Sct					7415.1237	8.024	1.422	1.774	1.563
7401.2061	13.822	-	1.085	0.837	7416.1190	7.871	1.282	1.688	1.527
7402.1972	13.855	-	1.063	0.829	7417.1164	7.925	1.324	1.756	1.558
7403.1895	13.442	-	0.805	0.723	7418.1188	7.932	-	1.740	1.537
7404.1775	13.703	-	0.828	0.797	7419.1142	7.973	1.394	1.739	1.572
7408.1664	13.852	-	1.080	0.887	7420.1131	8.039	1.428	1.774	1.592
7409.1801	13.491	-	0.947	0.795	7421.1110	8.193	1.495	1.832	1.638
7410.1796	13.239	-	0.660	0.620	7422.1114	7.942	1.341	1.666	1.544
7411.1840	13.877	-	1.056	0.831	7423.1102	7.664	1.262	1.634	1.455
7412.1910	13.632	-	1.029	0.853	7424.1081	7.803	1.339	1.724	1.574
7413.1698	13.216	-	0.705	0.614	7425.1109	8.148	1.468	1.809	1.635
7414.1561	13.881	-	1.042	0.881	7427.1114	7.997	1.357	1.739	1.563
7415.1615	13.641	-	0.982	0.861	7428.1060	7.775	1.204	1.649	1.521
7416.1539	13.245	-	0.691	0.645	7429.1143	7.921	-	1.718	1.569
7417.1505	13.878	-	1.039	0.831	7430.1044	8.056	1.442	1.738	1.589
7418.1494	13.713	-	0.971	0.815	7431.1031	8.075	1.424	1.788	1.604
7419.1425	13.357	-	0.764	0.664	7432.1016	8.019	1.386	1.762	1.569
7420.1450	13.982	-	1.003	0.905	7433.0991	8.097	-	1.753	1.600
7421.1385	13.719	-	1.062	0.911	7434.1028	7.927	1.307	1.721	1.537
7433.1197	13.857	-	1.094	0.862	V367 Sct				
7434.1246	13.493	-	0.883	0.792	7401.1731	11.555	-	1.824	1.669
EW Sct					7402.1705	11.668	-	1.854	1.696
7400.2231	7.921	1.288	1.730	1.585	7403.1673	11.776	-	1.876	1.714
7401.1813	8.100	1.488	1.800	1.611	7404.1541	11.657	-	1.793	1.654
7402.1734	8.172	1.490	1.796	1.619	7408.1460	11.848	-	1.921	1.753
7403.1714	8.074	-	1.722	1.576	7409.1610	11.806	-	1.921	1.731
7404.1568	7.983	1.339	1.688	1.547	7410.1605	11.477	-	1.762	1.625

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
V367 Sct					AA Ser				
7411.1612	11.378	-	1.743	1.618	7414.1500	11.840	-	2.108	1.824
7412.1663	11.550	-	1.856	1.680	7415.1538	11.756	-	2.123	1.782
7413.1500	11.635	-	1.915	1.680	7416.1461	11.868	-	2.140	1.856
7414.1473	11.654	-	1.879	1.684	7417.1422	11.965	-	2.205	1.903
7415.1527	11.636	-	1.894	1.694	7418.1431	12.076	-	2.321	1.899
7416.1444	11.668	-	1.884	1.695	7419.1367	12.180	-	2.332	1.952
7417.1403	11.561	-	1.790	1.673	7420.1388	12.252	-	2.399	1.970
7418.1418	11.417	-	1.762	1.592	7421.1323	12.354	-	2.421	2.002
7419.1335	11.417	-	1.791	1.623	7422.1424	12.425	-	2.458	1.992
7420.1368	11.633	-	1.882	1.681	7423.1349	12.517	-	2.457	2.006
7421.1300	11.846	-	1.938	1.766	7424.1375	12.588	-	2.477	2.034
7422.1404	11.665	-	1.931	1.677	7425.1410	12.648	-	2.439	2.023
7423.1292	11.406	-	1.757	1.608	7427.1431	12.618	-	2.474	2.023
7424.1304	11.307	-	1.754	1.608	7428.1313	12.483	-	2.333	1.995
7425.1373	11.575	-	1.836	1.666	7429.1317	12.431	-	2.350	1.965
7427.1380	11.744	-	1.872	1.716	7430.1216	12.256	-	2.182	1.903
7428.1286	11.648	-	1.836	1.667	7431.1233	11.873	-	2.118	1.816
7429.1268	11.587	-	1.862	1.661	7432.1177	11.778	-	2.097	1.817
7430.1168	11.517	-	1.824	1.630	7433.1123	11.877	-	2.155	1.838
7431.1185	11.462	-	1.809	1.632	7434.1194	11.985	-	2.199	1.891
7432.1144	11.462	-	1.774	1.638	BQ Ser				
7433.1104	11.654	-	1.880	1.682	7400.2196	9.766	-	1.577	1.343
7434.1166	11.842	-	1.943	1.733	7401.1778	9.215	0.836	1.374	1.157
AA Ser					7404.1557	9.609	-	1.510	1.260
7401.1916	12.136	-	2.279	1.945	7408.1520	9.612	-	1.516	1.288
7402.1867	12.179	-	2.372	1.942	7409.1659	9.624	-	1.535	1.293
7403.1801	12.301	-	2.362	1.970	7410.1747	9.182	-	1.342	-
7404.1649	12.360	-	2.387	1.985	7411.1770	9.472	-	1.524	1.266
7408.1475	12.687	-	2.462	2.051	7412.1819	9.726	-	1.591	1.357
7409.1637	12.627	-	2.471	2.035	7413.1627	9.512	-	1.499	1.256
7410.1728	12.567	-	2.389	2.015	7414.1520	9.340	-	1.441	1.202
7411.1727	12.443	-	2.355	1.990	7415.1554	9.518	-	1.534	1.269
7412.1788	12.418	-	2.307	1.963	7416.1490	9.547	-	1.512	1.278
7413.1606	12.175	-	2.230	1.895	7417.1441	9.558	-	1.513	1.282

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	BQ Ser					CR Ser			
7418.1456	9.496	-	1.467	1.231	7422.1235	10.448	-	1.603	1.299
7419.1377	9.249	-	1.388	1.193	7423.1228	10.774	-	1.665	1.403
7420.1413	9.528	-	1.518	1.286	7424.1244	10.950	-	1.766	1.467
7421.1341	9.764	-	1.588	1.330	7425.1265	11.175	-	1.818	1.505
7422.1479	9.301	-	1.402	1.169	7427.1301	10.451	-	1.450	1.283
7423.1376	9.327	-	1.472	1.205	7428.1219	10.728	-	1.606	1.398
7424.1397	9.643	-	1.564	1.321	7433.1084	10.617	-	1.579	1.336
7425.1462	9.596	-	1.499	1.261	7434.1125	10.894	-	1.716	1.452
7427.1527	9.425	-	1.419	1.207				AE Tau	
7428.1382	9.379	-	1.421	1.218	7401.4987	11.982	-	1.230	1.048
7429.1361	9.584	-	1.537	1.302	7402.4823	11.393	-	0.957	0.901
7430.1240	9.735	-	1.556	1.310	7403.5039	11.670	-	1.184	1.021
7431.1253	9.205	-	1.346	1.154	7404.4929	11.893	-	1.236	1.039
7432.1197	9.403	-	1.476	1.244	7407.4767	11.674	-	1.155	1.019
7433.1145	9.715	-	1.589	1.340	7408.4703	11.857	-	1.250	1.047
7434.1216	9.664	-	1.525	1.285	7409.4647	11.903	-	1.184	1.034
	CR Ser				7410.4686	11.458	-	0.984	0.948
7402.1415	10.856	-	1.663	1.452	7413.4714	11.850	-	1.127	1.038
7403.1368	11.044	-	1.743	1.479	7414.4805	11.452	-	-	0.949
7404.1392	11.196	-	1.765	1.472	7415.4812	11.766	-	1.178	1.055
7408.1308	11.006	-	1.692	1.484	7416.4757	11.907	-	1.265	1.070
7409.1325	11.125	-	1.842	1.489	7417.4868	11.687	-	1.069	0.968
7410.1507	11.081	-	1.694	1.463	7418.4803	11.505	-	1.050	0.963
7411.1507	10.441	-	1.452	1.272	7419.4835	11.726	-	1.189	1.031
7412.1557	10.713	-	1.633	1.406	7420.4830	11.951	-	1.233	1.073
7413.1395	10.929	-	1.755	1.459	7421.4847	11.566	-	1.019	0.939
7414.1369	11.117	-	1.816	1.480	7422.4836	11.533	-	1.023	0.996
7415.1424	11.199	-	1.823	1.494	7424.4783	11.943	-	-	1.096
7416.1336	10.537	-	1.506	1.294	7425.4764	11.495	-	0.975	0.907
7417.1310	10.615	-	1.584	1.362	7427.4801	11.829	-	1.259	1.064
7418.1319	10.856	-	1.716	1.416	7428.4675	12.003	-	1.267	1.063
7419.1249	11.075	-	1.786	1.485	7430.4819	11.641	-	1.104	1.021
7420.1293	11.226	-	1.799	1.526	7431.4859	11.847	-	1.235	1.029
7421.1208	10.838	-	1.606	1.392	7432.4772	11.975	-	1.231	1.104

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
		AE Tau					EF Tau		
7433.4561	11.370	-	0.970	0.909	7415.4932	13.161	-	0.962	-
7434.4721	11.638	-	1.143	1.000	7416.4874	13.328	-	0.977	0.973
		AV Tau			7417.4836	12.970	-	0.823	0.826
7408.4906	12.490	-	1.536	-	7418.4830	12.985	-	0.924	0.891
7409.4927	12.701	-	1.520	1.326	7419.4863	13.219	-	0.983	0.954
7410.4879	11.911	-	1.187	1.115	7420.4852	13.423	-	0.955	0.979
7411.4961	12.347	-	1.448	1.281	7421.4872	12.791	-	0.880	0.788
7413.4904	12.566	-	1.376	1.293	7422.4877	13.148	-	0.886	0.924
7414.4949	12.090	-	1.309	-	7424.4817	12.770	-	0.763	0.806
7415.4962	12.476	-	1.439	-	7425.4803	12.969	-	0.941	0.998
7416.4951	12.649	-	1.476	1.331	7427.4841	13.301	-	1.036	0.906
7417.4903	11.880	-	1.204	1.058	7428.4745	12.823	-	0.937	0.866
7418.4879	12.246	-	1.366	1.260	7430.4866	13.258	-	0.896	0.928
7419.4935	12.480	-	1.510	1.290	7431.4890	12.754	-	0.773	0.638
7420.4929	12.653	-	1.523	1.293	7432.4849	13.031	-	0.900	0.849
7421.4923	11.965	-	1.221	1.129			S Vul		
7422.4926	12.382	-	1.404	1.285	7399.2917	9.005	-	1.966	1.545
7424.4883	12.247	-	1.300	1.196	7400.2490	9.038	-	1.990	1.582
7425.4874	12.158	-	1.331	1.198	7401.2359	9.037	1.833	1.991	1.551
7427.4902	12.699	-	1.488	1.334	7402.2316	9.063	1.815	2.008	1.558
7428.4806	11.922	-	1.199	1.092	7403.2343	9.081	1.817	1.998	1.558
7430.4934	12.584	-	1.499	1.336	7404.2059	9.075	1.909	2.008	1.540
7431.4939	12.580	-	1.461	1.281	7407.2191	9.135	-	2.039	1.587
7432.4902	12.015	-	1.300	1.157	7408.1919	9.119	1.887	2.028	1.566
7433.4684	12.457	-	1.461	1.306	7409.2211	9.177	-	2.029	1.603
7434.4762	12.638	-	1.499	1.328	7410.2274	9.202	1.955	2.040	1.601
		EF Tau			7411.2398	9.214	1.932	2.022	1.604
7407.4998	12.698	-	0.809	0.738	7413.1953	9.225	1.933	2.064	1.613
7408.4861	13.096	-	0.963	-	7414.1819	9.231	1.921	2.062	1.583
7409.4858	13.278	-	1.027	0.896	7415.1839	9.259	1.935	2.086	1.601
7410.4807	13.156	-	0.900	0.864	7416.1889	9.270	1.977	2.056	1.584
7411.4901	13.010	-	0.867	0.905	7417.1852	9.255	1.972	2.085	1.590
7413.4841	13.439	-	0.980	0.984	7418.1838	9.278	-	2.081	1.582
7414.4915	12.791	-	0.799	-	7419.1620	9.219	-	2.046	1.563

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	S Vul					T Vul			
7420.1667	9.270	-	2.044	1.559	7422.0934	5.526	0.230	0.470	0.432
7421.1592	9.256	-	2.042	1.573	7423.0955	5.609	0.309	0.539	0.561
7422.1656	9.266	-	2.026	1.573	7424.0933	5.830	0.298	0.797	0.613
7423.1574	9.254	1.826	2.010	1.579	7425.0968	6.003	0.382	0.858	0.622
7424.1615	9.245	-	2.003	1.568	7427.0952	5.422	0.343	0.396	0.456
7425.1837	9.236	1.736	1.978	1.562	7428.0893	5.753	0.337	0.647	0.607
7427.1867	9.218	1.695	1.945	1.534	7430.0877	6.037	0.373	0.853	0.618
7428.1703	9.088	-	1.916	1.493	7431.0874	5.431	0.318	0.393	0.434
7429.1538	9.088	-	1.897	1.520	7432.0876	5.579	0.367	0.548	0.539
7430.1386	9.006	1.522	1.845	1.481	7433.0837	5.895	0.381	0.718	0.665
7431.1503	8.966	1.492	1.823	1.462	7434.0851	6.010	0.393	0.881	0.618
7432.1361	8.886	1.461	1.809	1.451		U Vul			
7433.1398	8.870	1.351	1.799	1.442	7399.1459	7.362	0.955	1.386	1.153
7434.1449	8.804	1.338	1.768	1.400	7400.1338	6.896	0.742	1.176	1.003
	T Vul				7401.1237	6.814	0.767	1.192	0.998
7399.1337	6.081	0.423	0.823	0.629	7402.1235	6.947	0.820	1.282	1.098
7400.1256	5.420	0.312	0.334	0.432	7404.1214	7.266	1.013	1.415	1.186
7401.1166	5.635	0.352	0.576	0.553	7408.1196	6.976	0.808	1.167	1.074
7402.1139	5.900	0.398	0.759	0.655	7409.1217	6.832	0.752	1.165	1.032
7404.1149	-	0.261	-	-	7410.1221	6.951	0.780	1.293	1.082
7407.1116	5.954	0.375	0.858	0.584	7411.1177	7.069	0.886	1.309	1.145
7408.1098	6.064	0.433	0.770	0.601	7412.1229	7.278	0.957	1.431	1.206
7410.1137	5.732	0.279	0.632	0.627	7413.1115	7.414	1.089	1.477	1.235
7411.1096	5.924	0.414	0.775	0.642	7414.1146	7.543	1.101	1.476	1.235
7412.1141	6.068	0.446	0.803	0.644	7415.1134	7.332	0.912	1.389	1.165
7413.1036	5.656	0.282	0.467	0.532	7416.1118	6.893	0.752	1.206	1.025
7414.1066	5.585	0.298	0.502	0.537	7417.1106	6.804	0.730	1.227	1.022
7415.1054	5.841	0.378	0.665	0.643	7418.1111	6.902	0.819	1.264	1.046
7416.1032	5.999	0.395	0.851	0.638	7419.1072	6.959	0.888	1.284	1.078
7417.1037	5.979	0.335	0.795	0.604	7420.1064	7.268	0.999	1.442	1.181
7418.1025	5.425	0.295	0.391	0.457	7421.1055	7.401	1.084	1.491	1.224
7419.0988	5.676	0.344	0.597	0.571	7422.1012	7.452	1.101	1.458	1.171
7420.0991	5.916	0.415	0.826	0.613	7423.1030	7.329	0.929	1.395	1.171
7421.0984	6.029	0.403	0.857	0.620	7424.1004	6.893	-	1.212	1.050

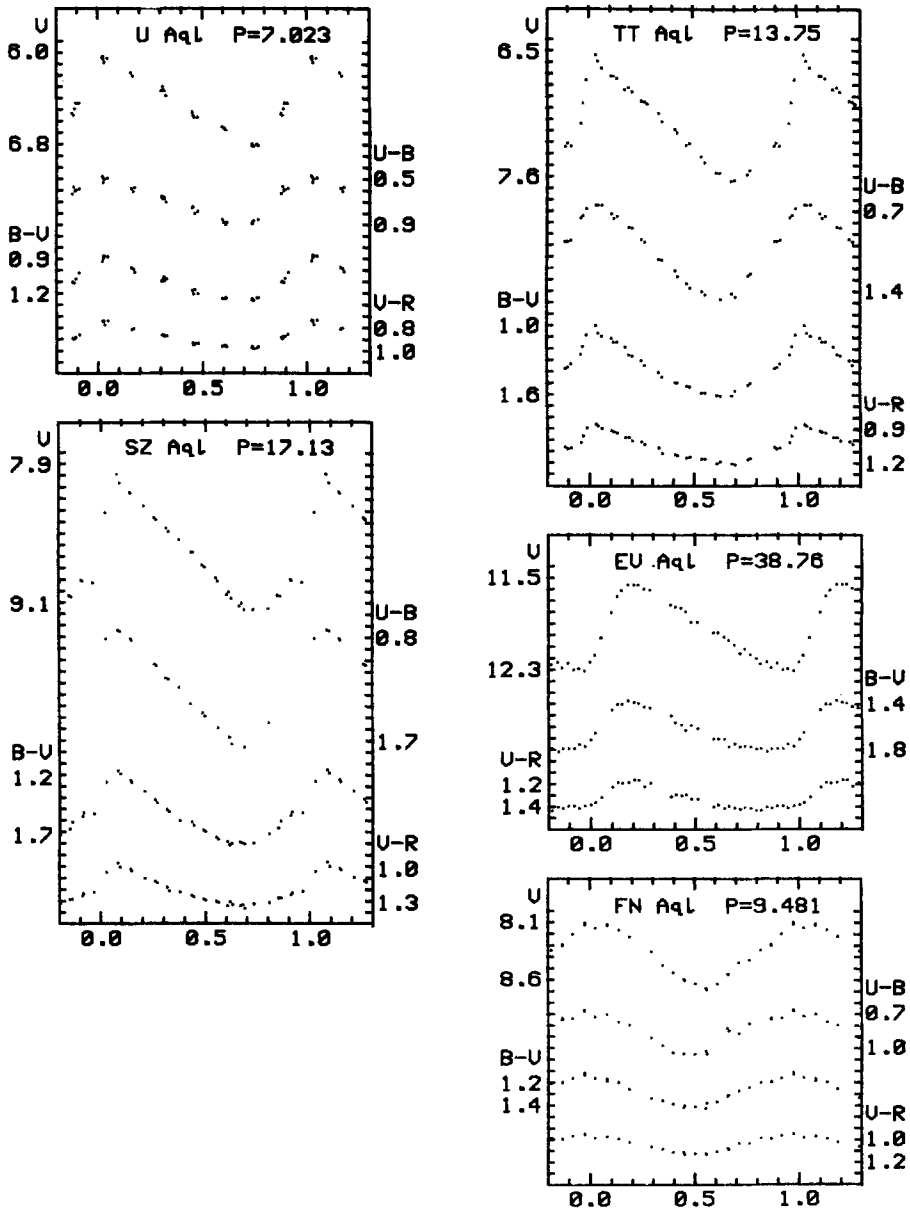
Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	U Vul					SV Vul			
7425.1040	6.828	0.731	1.195	1.019	7427.1914	7.346	1.460	1.650	1.223
7427.1041	7.002	0.863	1.342	1.089	7428.1722	7.311	1.456	1.665	1.217
7428.0979	7.269	0.982	1.448	1.189	7429.1554	7.364	1.487	1.684	1.254
7429.1063	7.418	1.062	1.475	1.229	7430.1423	7.381	1.494	1.686	1.245
7430.0966	7.492	1.083	1.497	1.217	7431.1537	7.400	1.554	1.698	1.243
7431.0960	7.336	0.932	1.403	1.159	7432.1416	7.421	1.583	1.700	1.262
7432.0946	6.859	0.780	1.181	1.023	7433.1459	7.476	1.553	1.726	1.275
7433.0913	6.846	-	-	1.048	7434.1505	7.490	1.569	1.714	1.265
7434.0935	6.951	0.794	1.289	1.080		BR Vul			
	SV Vul				7409.2175	10.831	-	1.572	1.300
7399.2987	7.790	1.491	1.720	1.286	7410.2256	11.005	-	1.621	1.363
7400.2498	7.789	-	1.706	1.302	7411.2363	11.027	-	1.547	1.339
7401.2377	7.759	1.474	1.687	1.256	7413.1939	10.510	-	1.419	1.231
7402.2331	7.707	1.401	1.648	1.237	7414.1806	10.740	-	1.573	1.284
7403.2363	7.608	1.285	1.563	1.213	7415.1827	10.936	-	1.636	1.328
7404.2096	7.422	1.136	1.469	1.137	7416.1877	11.058	-	1.616	1.325
7407.2202	6.794	-	1.174	0.959	7417.1822	10.368	-	1.285	1.134
7408.1927	6.722	0.759	1.148	0.928	7418.1830	10.457	-	1.378	1.192
7409.2218	6.755	-	1.135	0.954	7419.1607	10.639	-	1.505	1.250
7410.2325	6.759	0.769	1.159	0.965	7420.1653	10.880	-	1.609	1.313
7411.2413	6.770	0.812	1.167	0.978	7421.1580	11.021	-	1.661	1.331
7413.1990	6.814	0.861	1.263	1.026	7422.1634	10.577	-	1.393	1.199
7414.1867	6.853	0.909	1.298	1.028	7423.1541	10.371	-	1.366	1.142
7415.1891	6.893	0.948	1.343	1.062	7424.1597	10.663	-	1.504	1.276
7416.1934	6.915	1.005	1.395	1.060	7425.1702	10.852	-	1.577	1.295
7417.1862	6.931	1.032	1.421	1.078	7427.1849	10.803	-	1.469	1.237
7418.1847	7.001	1.094	1.440	1.120	7428.1683	10.325	-	1.307	1.108
7419.1630	6.955	1.161	1.448	1.098	7429.1517	10.610	-	1.472	1.246
7420.1671	7.044	1.203	1.492	1.125	7430.1368	10.818	-	1.565	1.315
7421.1601	7.059	-	1.526	1.139	7431.1476	11.007	-	1.624	1.325
7422.1656	7.118	1.257	1.556	1.174	7432.1344	10.920	-	1.569	1.285
7423.1601	7.149	1.345	1.572	1.182	7433.1384	10.299	-	1.283	1.126
7424.1627	7.206	1.329	1.607	1.218	7434.1433	10.548	-	1.448	1.221
7425.1866	7.240	1.375	1.623	1.219					

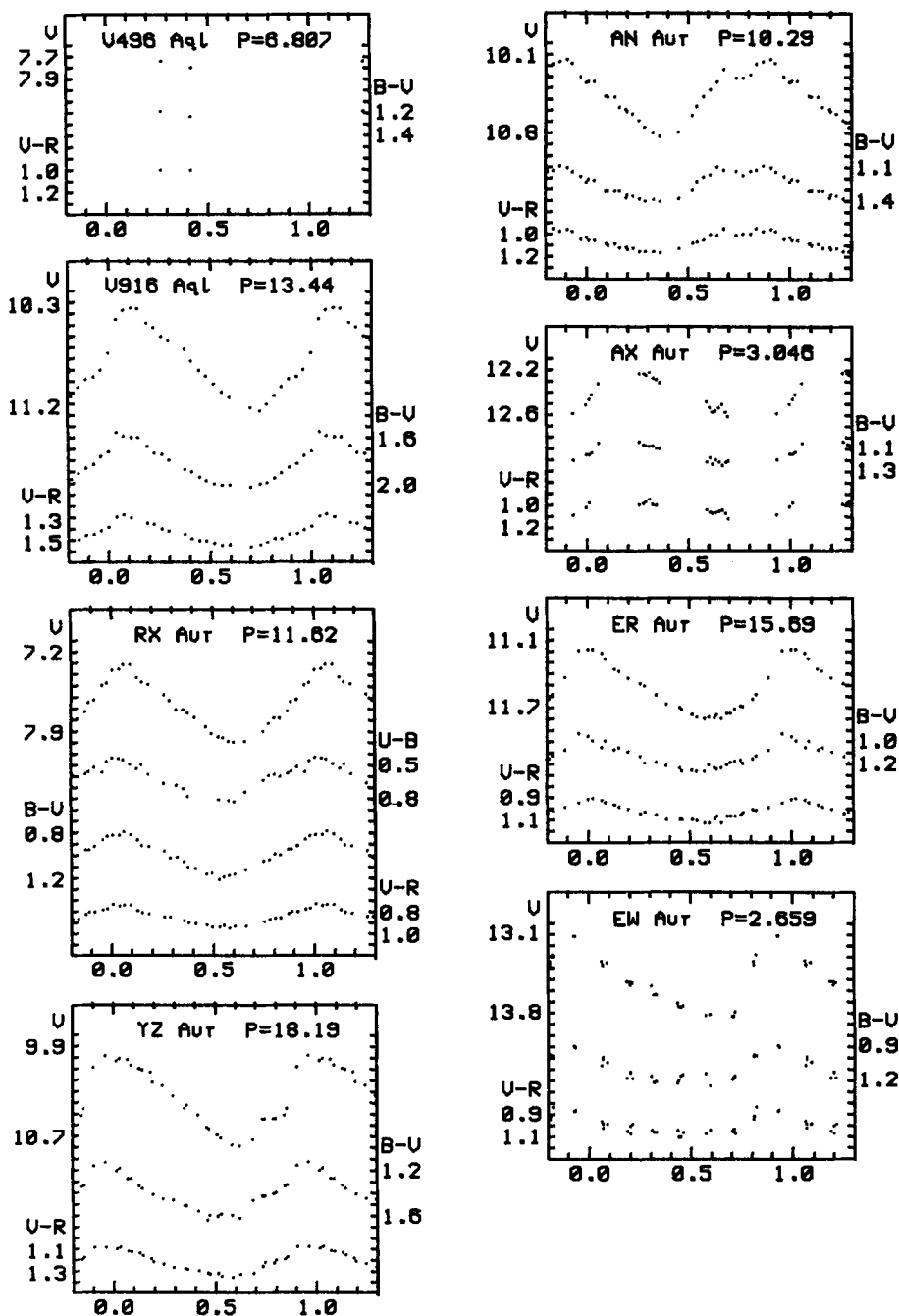
Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
DG Vul									
7409.2370	11.558	-	1.964	1.692					
7410.2492	11.042	-	1.770	1.543					
7411.2579	10.813	-	1.695	1.503					
7413.2018	11.154	-	1.923	1.655					
7414.1883	11.259	-	1.974	1.680					
7415.2007	11.391	-	2.077	1.736					
7416.1943	11.518	-	2.131	1.761					
7417.1884	11.614	-	2.195	1.762					
7418.1856	11.780	-	2.216	1.794					
7419.1640	11.785	-	2.171	1.787					
7420.1693	11.826	-	2.144	1.753					
7421.1615	11.703	-	2.078	1.732					
7422.1687	11.588	-	2.019	1.706					
7423.1608	11.442	-	1.973	1.650					
7424.1634	10.838	-	1.747	1.490					
7425.1874	10.915	-	1.792	1.514					
7427.1946	11.242	-	1.966	1.623					
7428.1739	11.287	-	2.041	1.682					
7429.1564	11.434	-	2.111	1.728					
7430.1439	11.567	-	2.150	1.768					
7431.1555	11.712	-	2.171	1.810					
7432.1429	11.798	-	2.224	1.808					
7433.1466	11.872	-	2.239	1.817					
7434.1510	11.800	-	2.135	1.768					

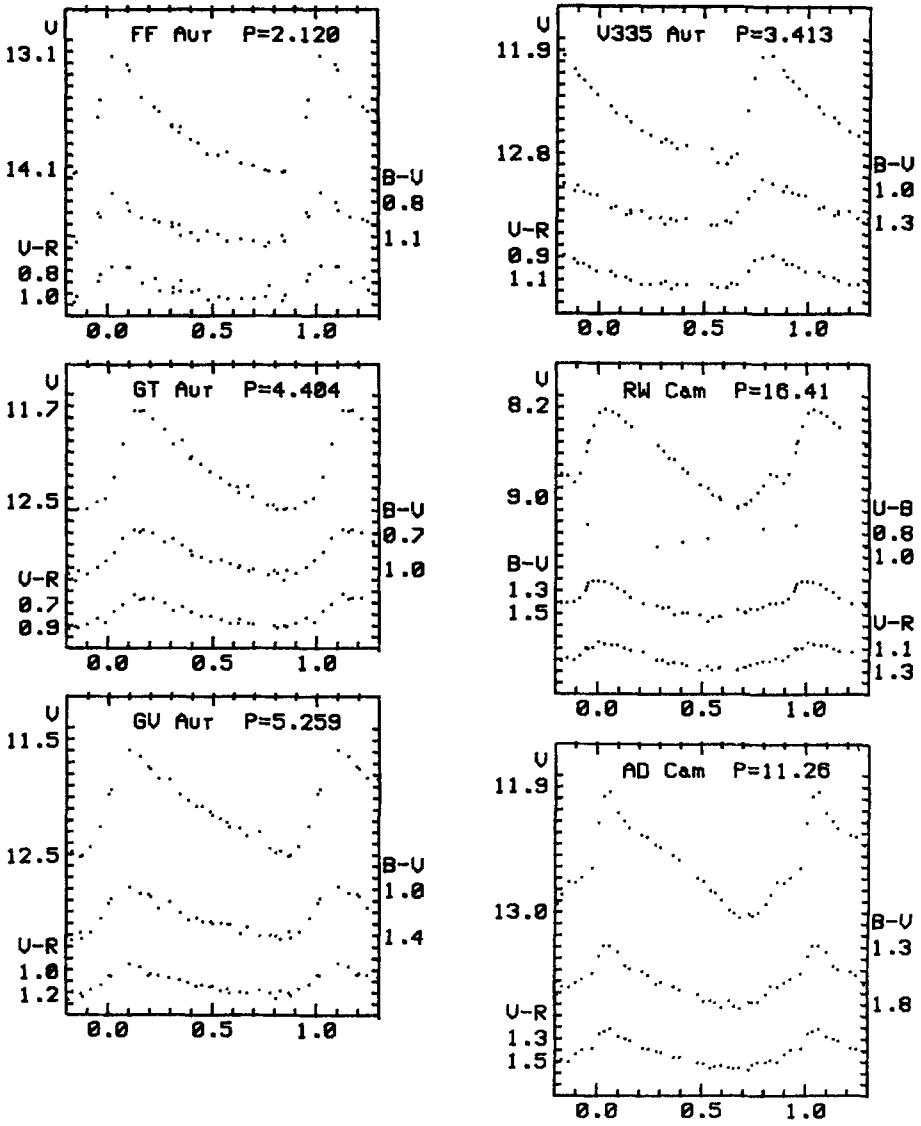




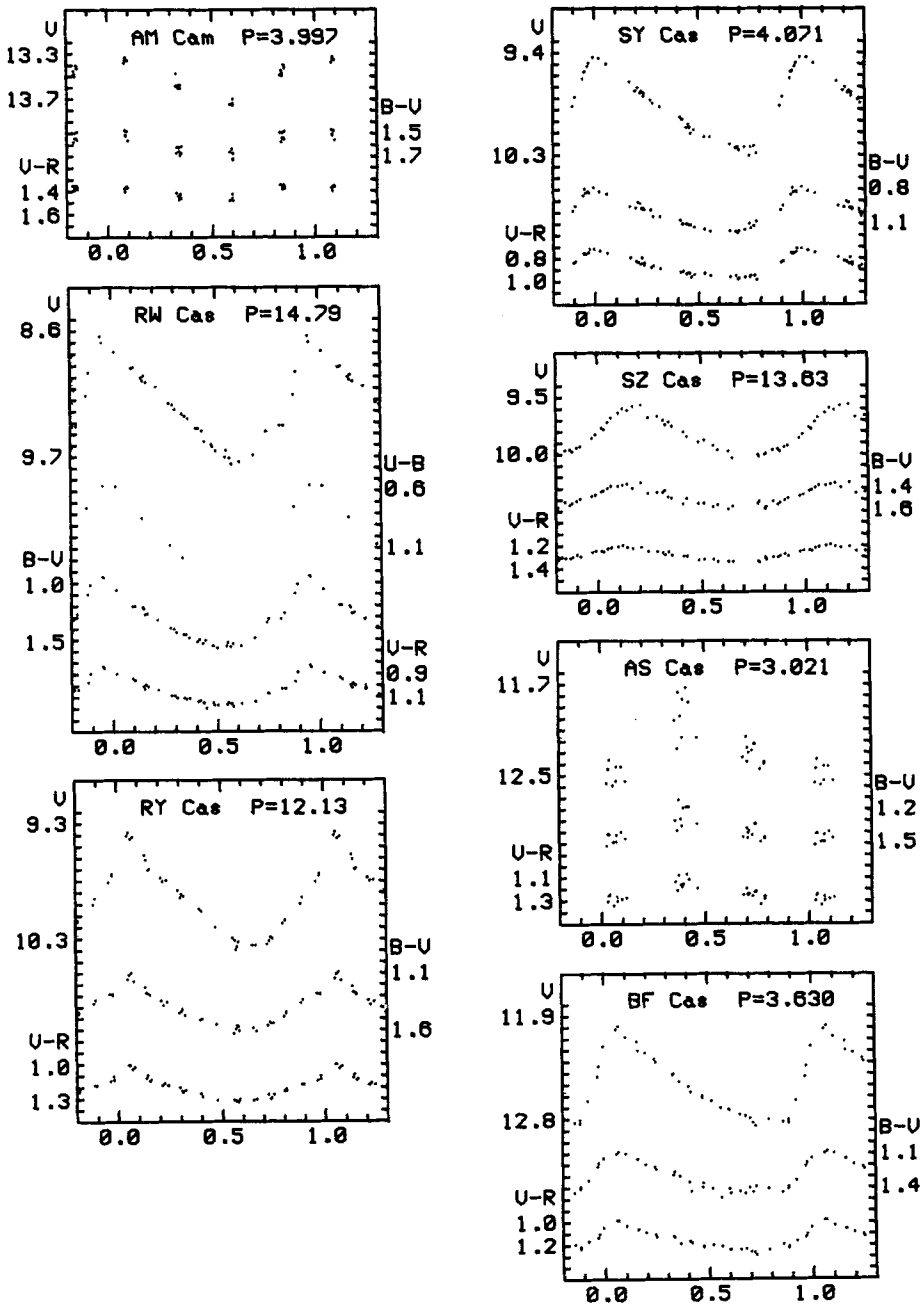
**Figure 1** The light and colour curves for U Aql, SZ Aql, TT Aql, EU Aql and FN Aql.



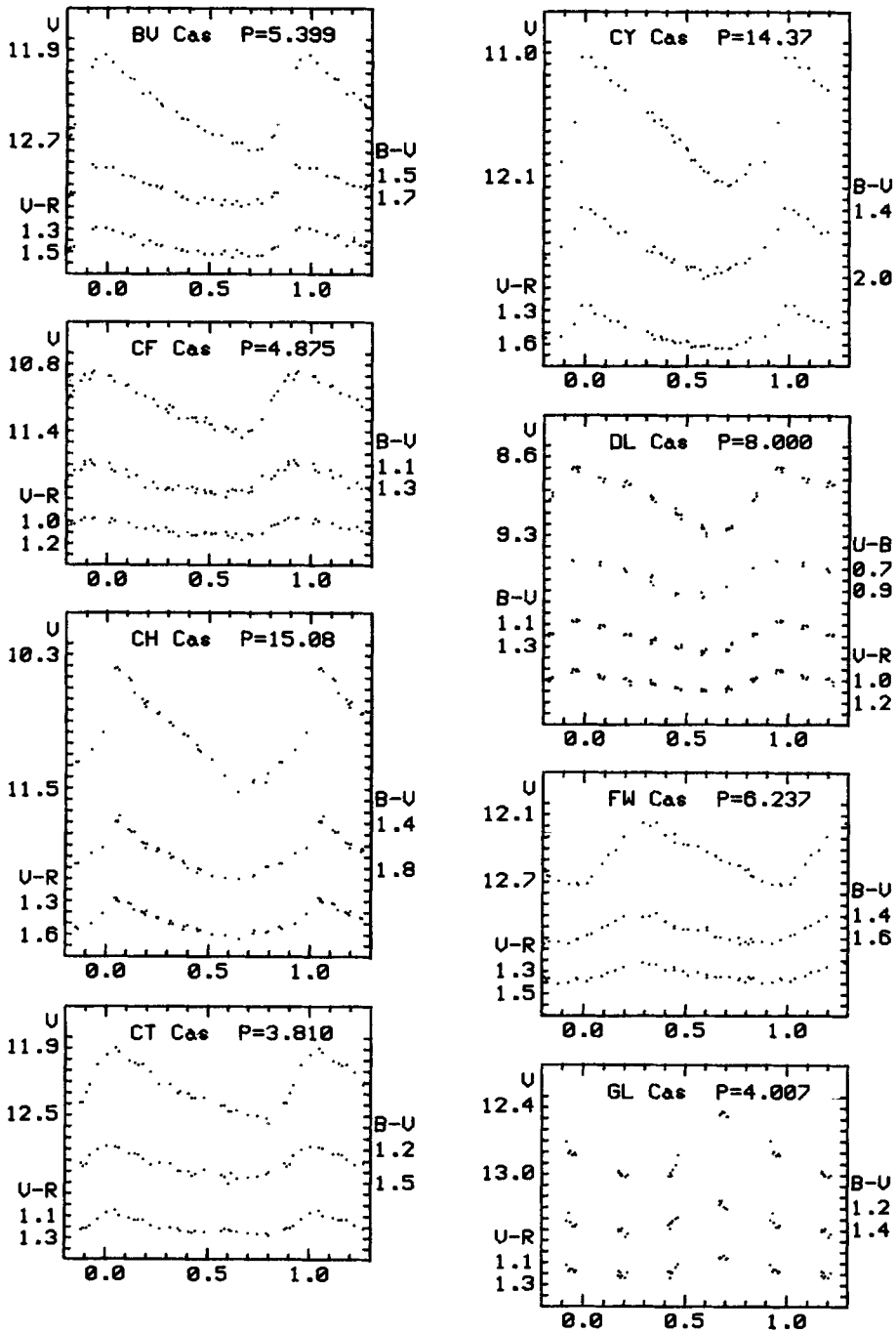
**Figure 2** The light and colour curves for V496 Aql, V916 Aql, RX Aur, YZ Aur, AN Aur, AX Aur, ER Aur and EW Aur.



**Figure 3** The light and colour curves for FF Aur, GT Aur, GV Aur, V335 Aur, RW Cam and AD Cam.



**Figure 4** The light and colour curves for AM Cam, RW Cas, RY Cas, SY Cas, SZ Cas, AS Cas and BF Cas.



**Figure 5** The light and colour curves for BV Cas, CF Cas, CH Cas, CT Cas, CY Cas, DL Cas, FW Cas and GL Cas.

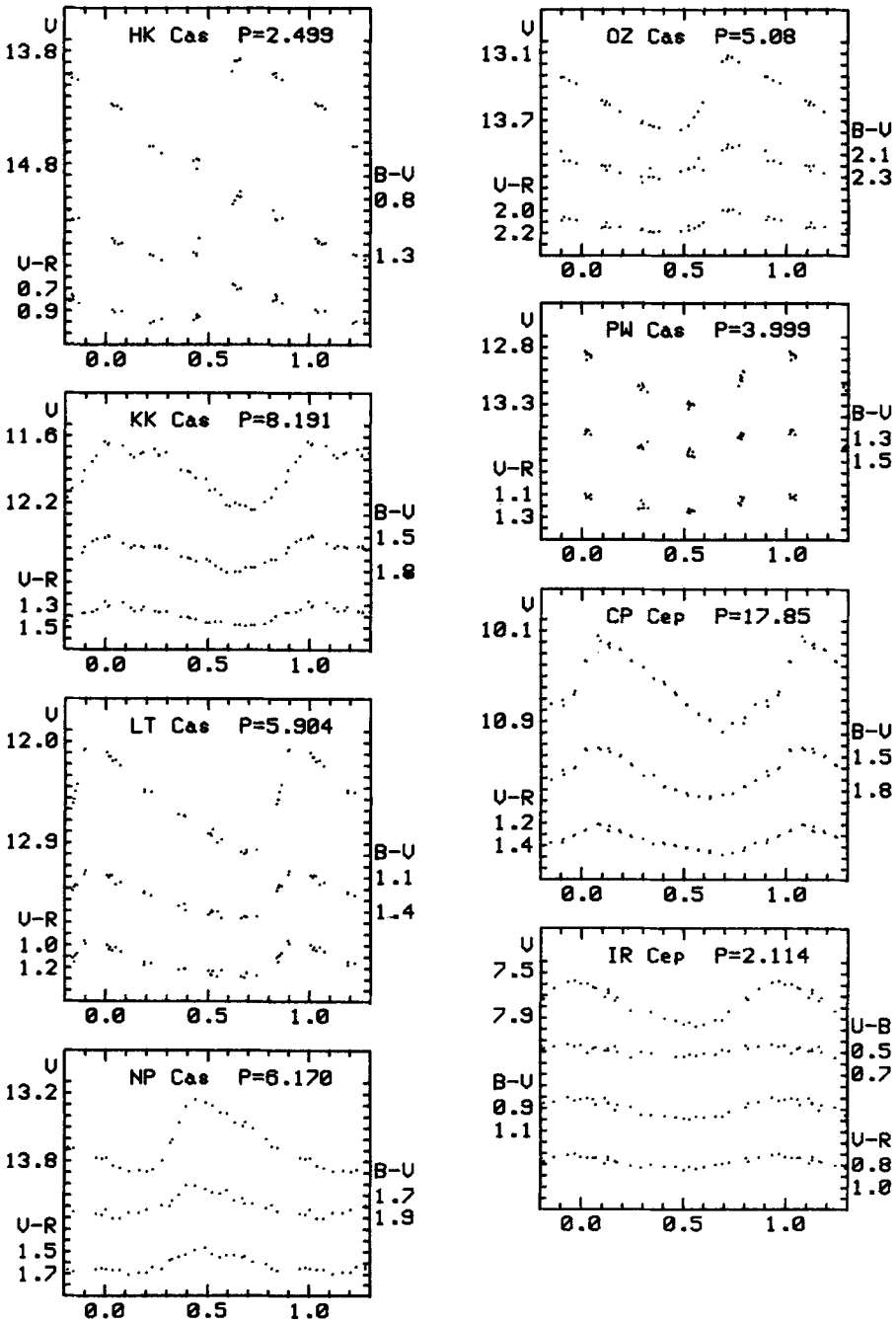
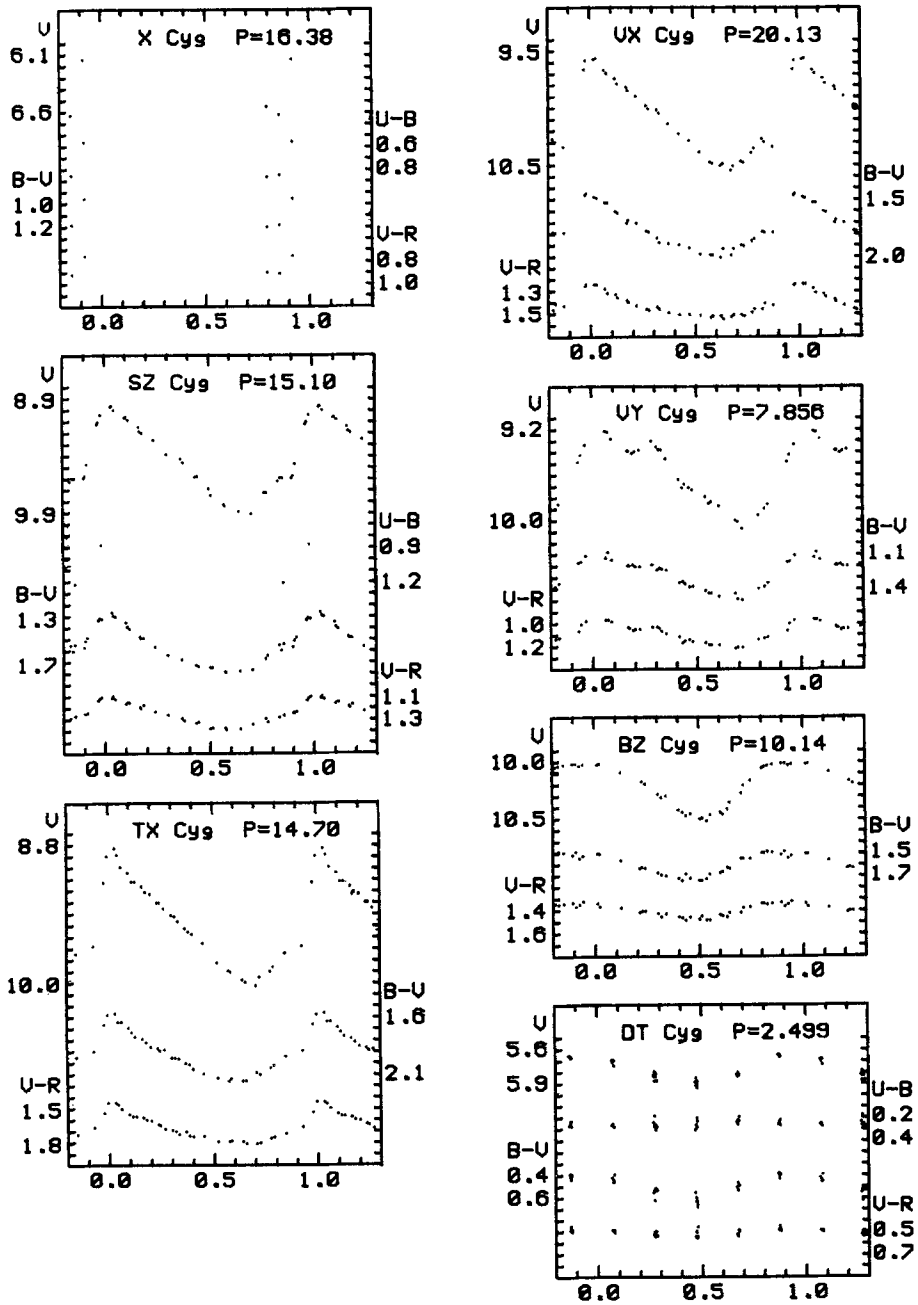
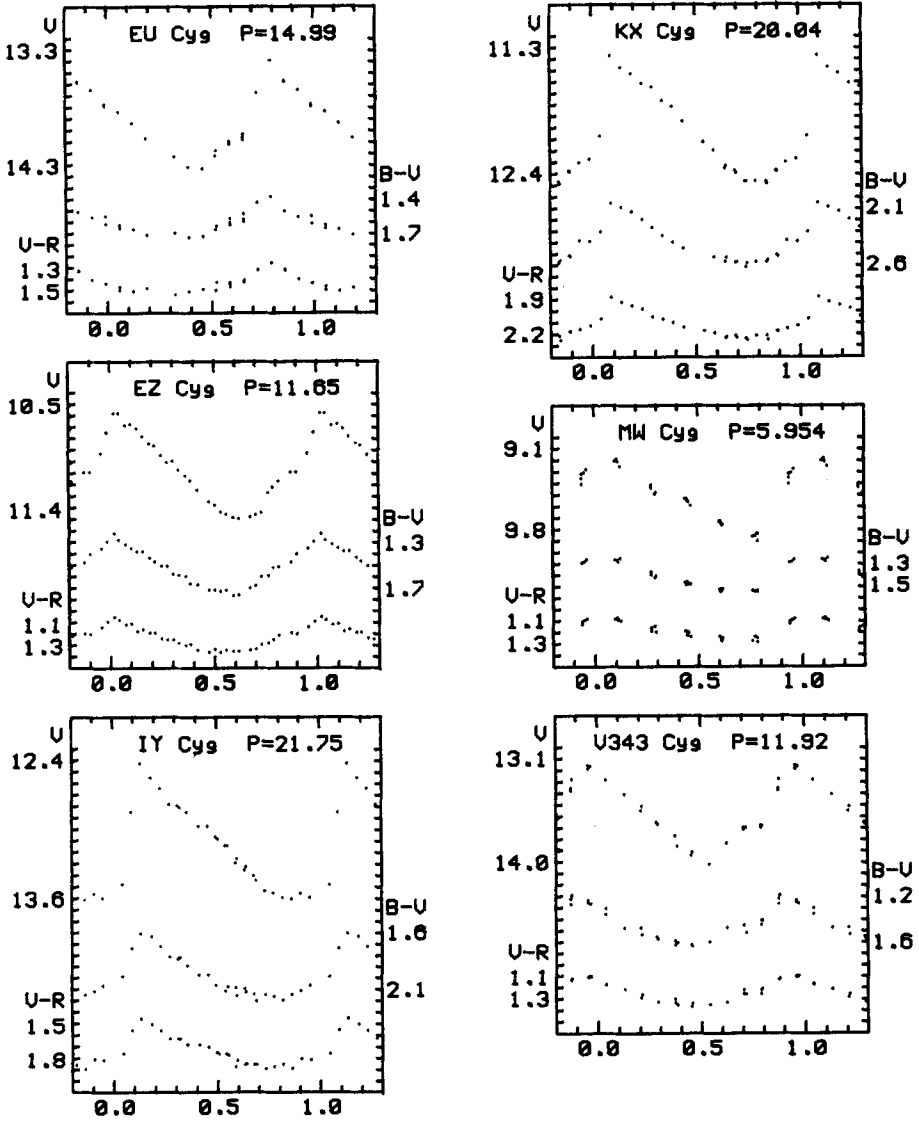


Figure 6 The light and colour curves for HK Cas, KK Cas, LT Cas, NP Cas, OZ Cas, PW Cas, CP Cep and IR Cep.



**Figure 7** The light and colour curves for X Cyg, SZ Cyg, TX Cyg, VX Cyg, VY Cyg, BZ Cyg and DT Cyg.



**Figure 8** The light and colour curves for EU Cys, EZ Cys, IY Cys, KX Cys, MW Cys and V343 Cys.



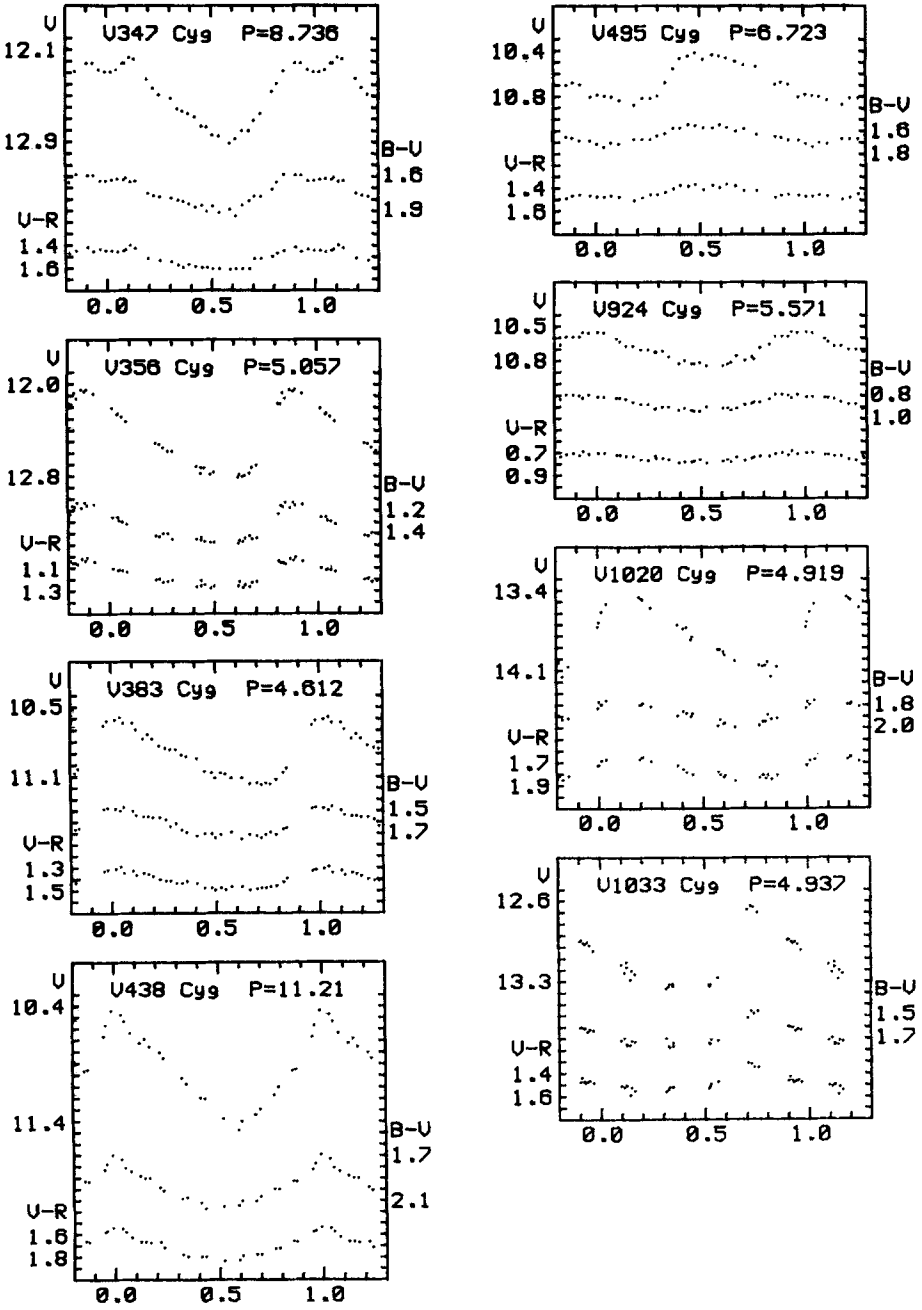


Figure 9 The light and colour curves for V347 Cyg, V356 Cyg, V383 Cug, V438 Cyg, V495 Cyg, V924 Cyg, V1020 Cyg and V1033 Cyg.

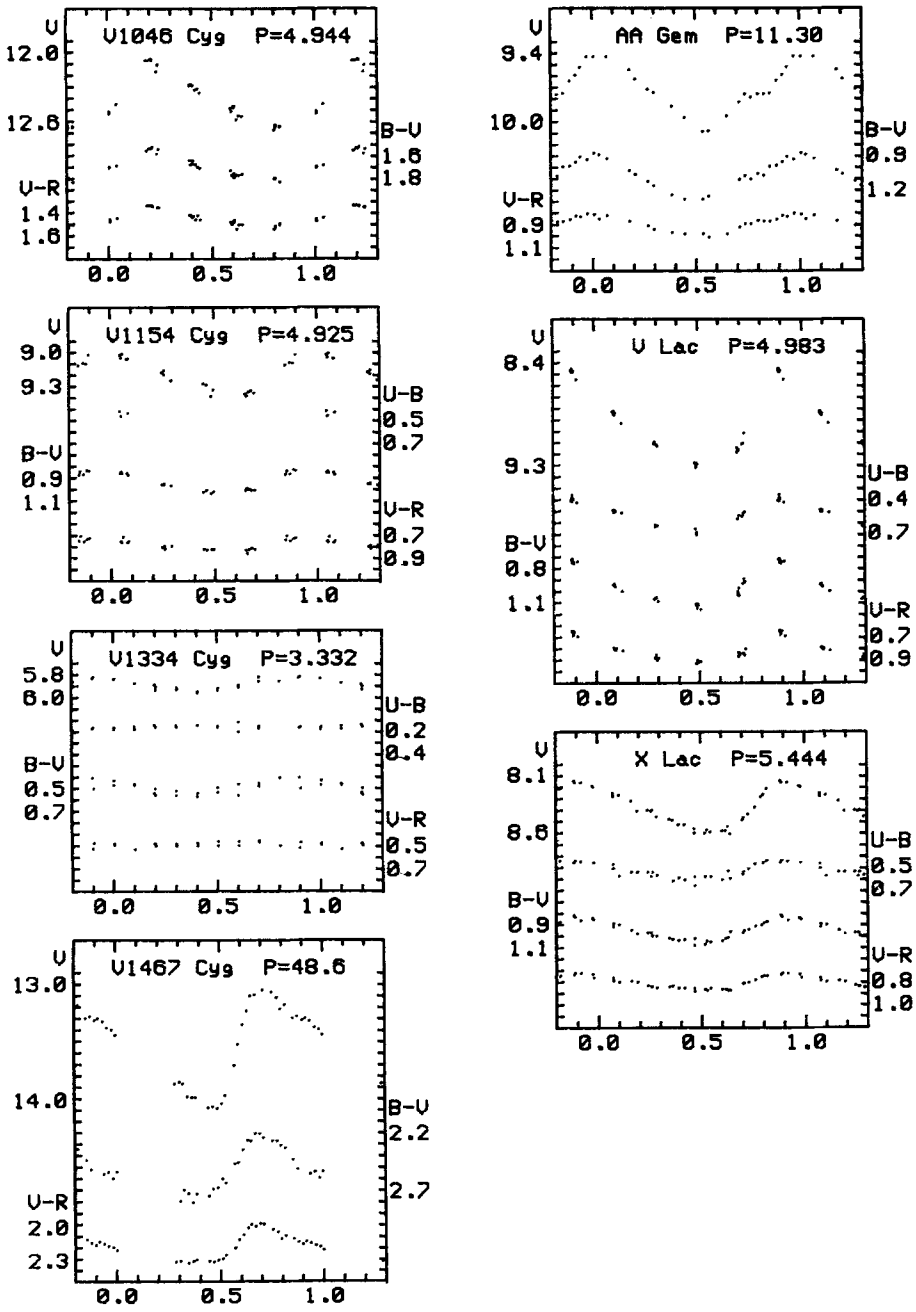


Figure 10 The light and colour curves for V1046 Cyg, V1154 Cyg, V1334 Cyg, V1467 Cyg, AA Gem, V Lac and X Lac.

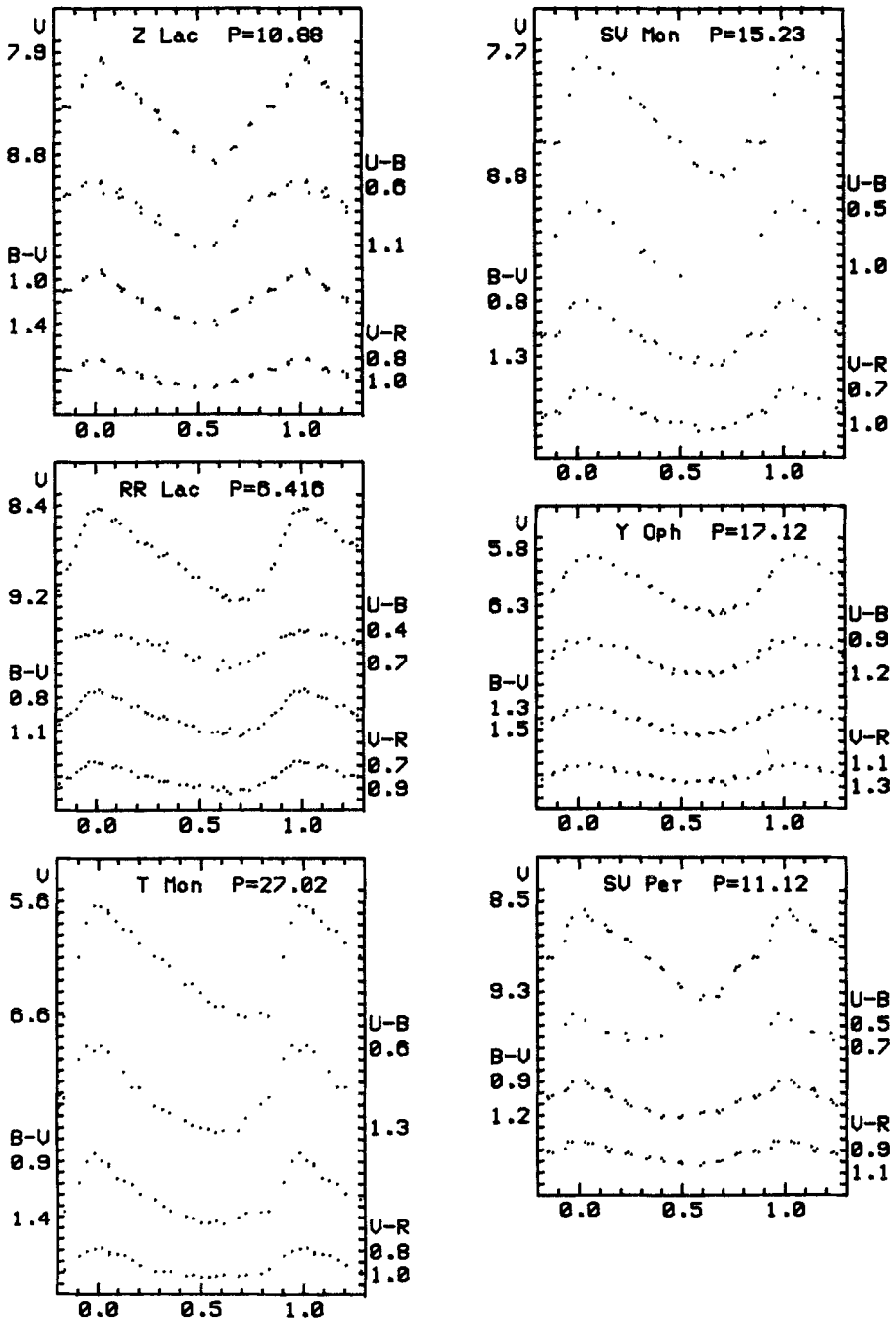


Figure 11 The light and colour curves for Z Lac, RR Lac, T Mon, SV Mon, Y Oph and SV Per.

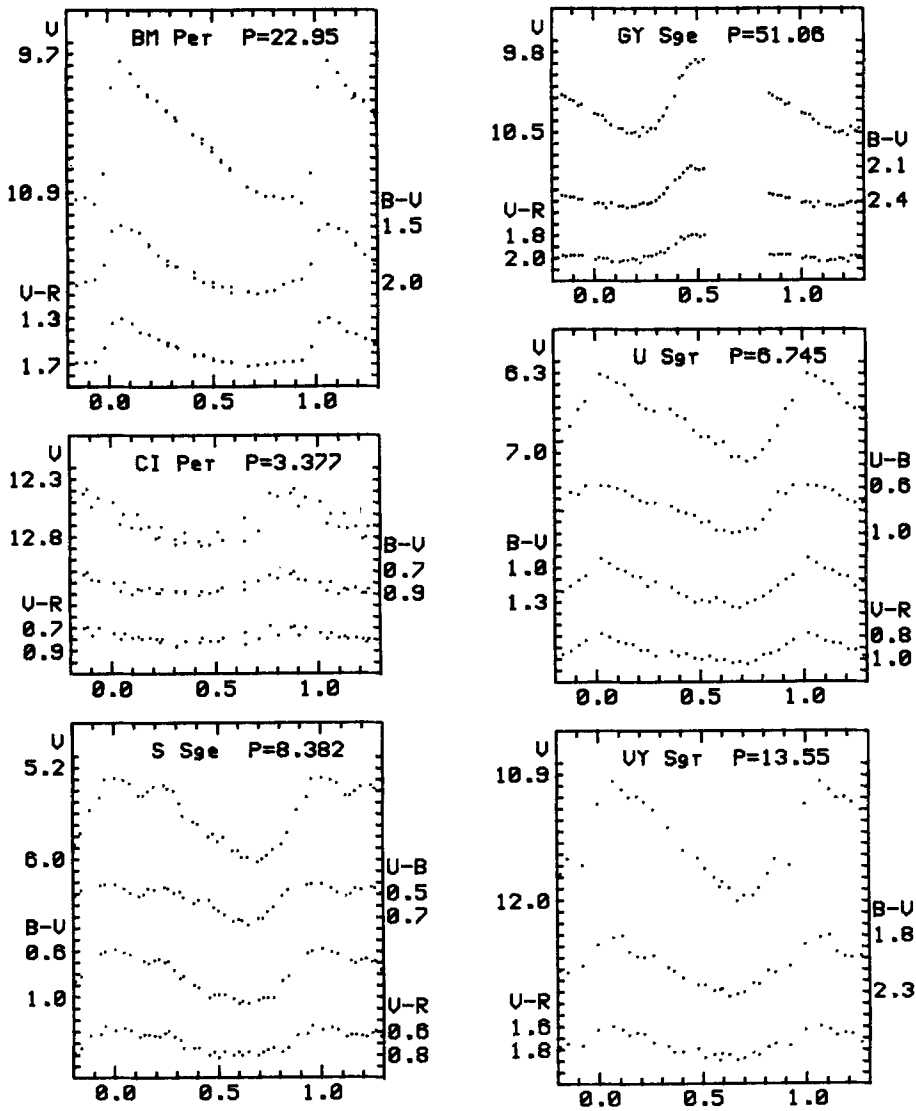


Figure 12 The light and colour curves for BM Per, CI Per, S Sge, GY Sge, U Sgr and VY Sgr.

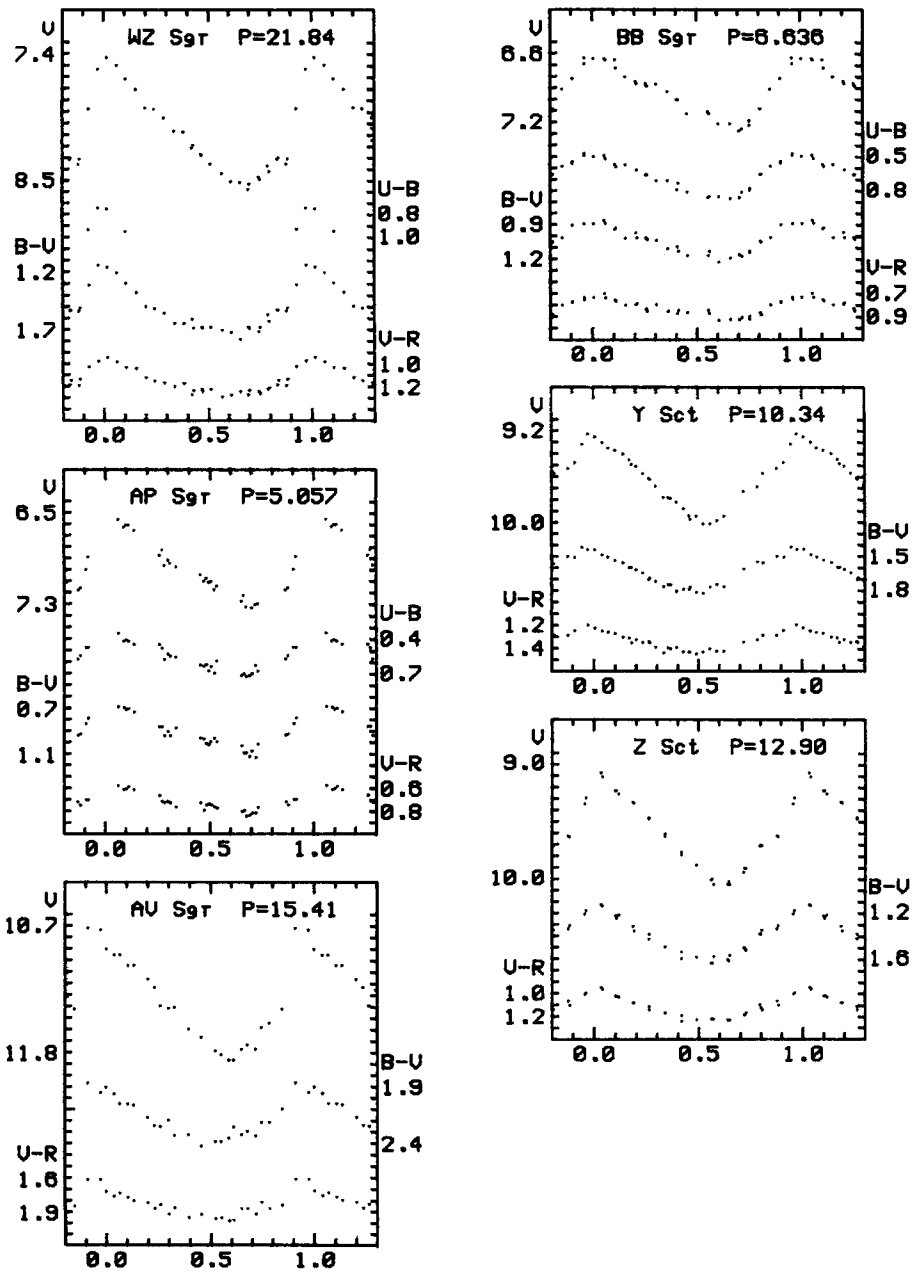
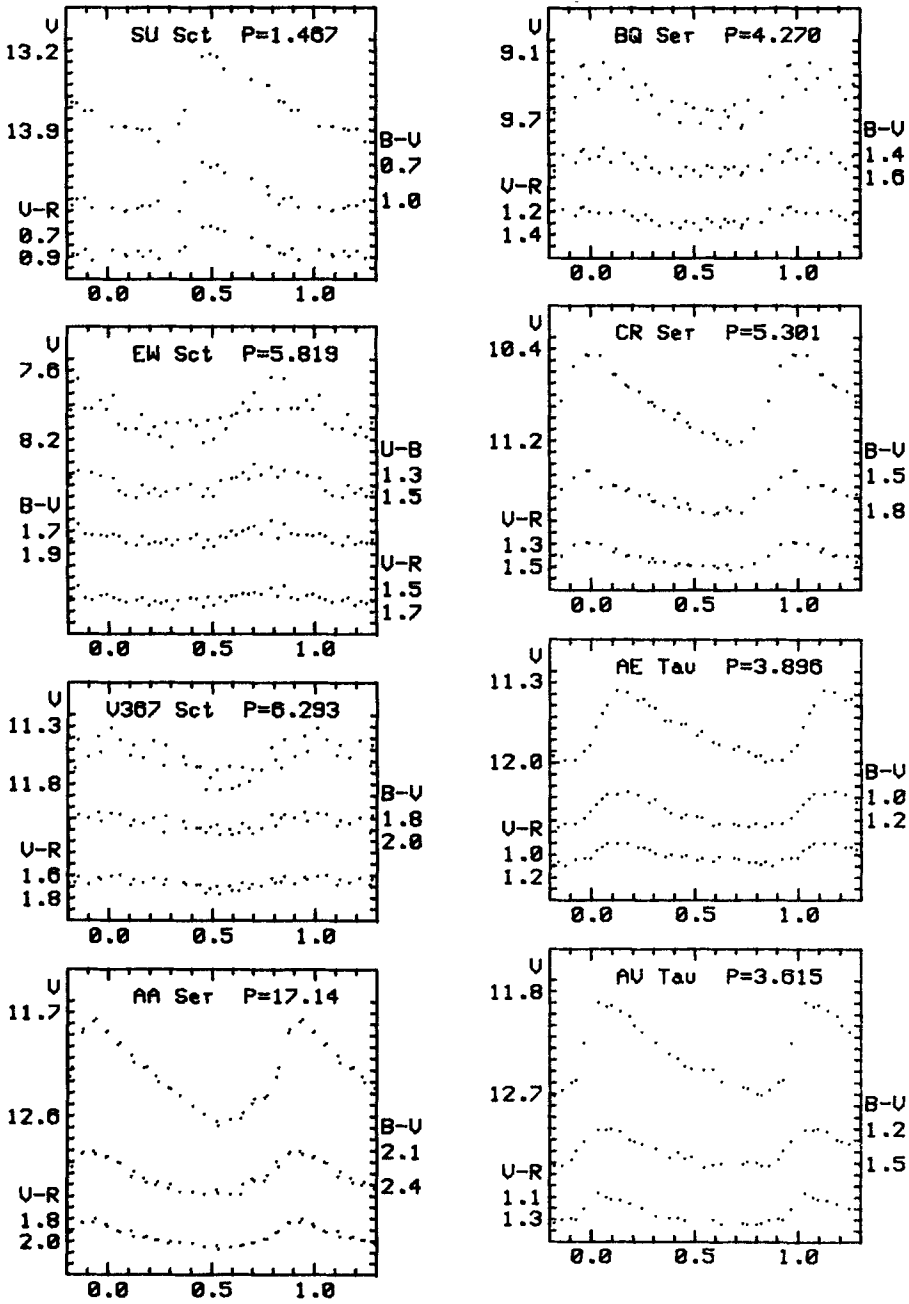


Figure 13 The light and colour curves for WZ Sgr, AP Sgr, AV Sgr, BB Sgr, Y sct and Z. Sct.



**Figure 14** The light and colour curves for SU Sct, EW Sct, V367 Sct, AA Ser, BQ Ser, CR Ser, AE Tau and AV Tau.

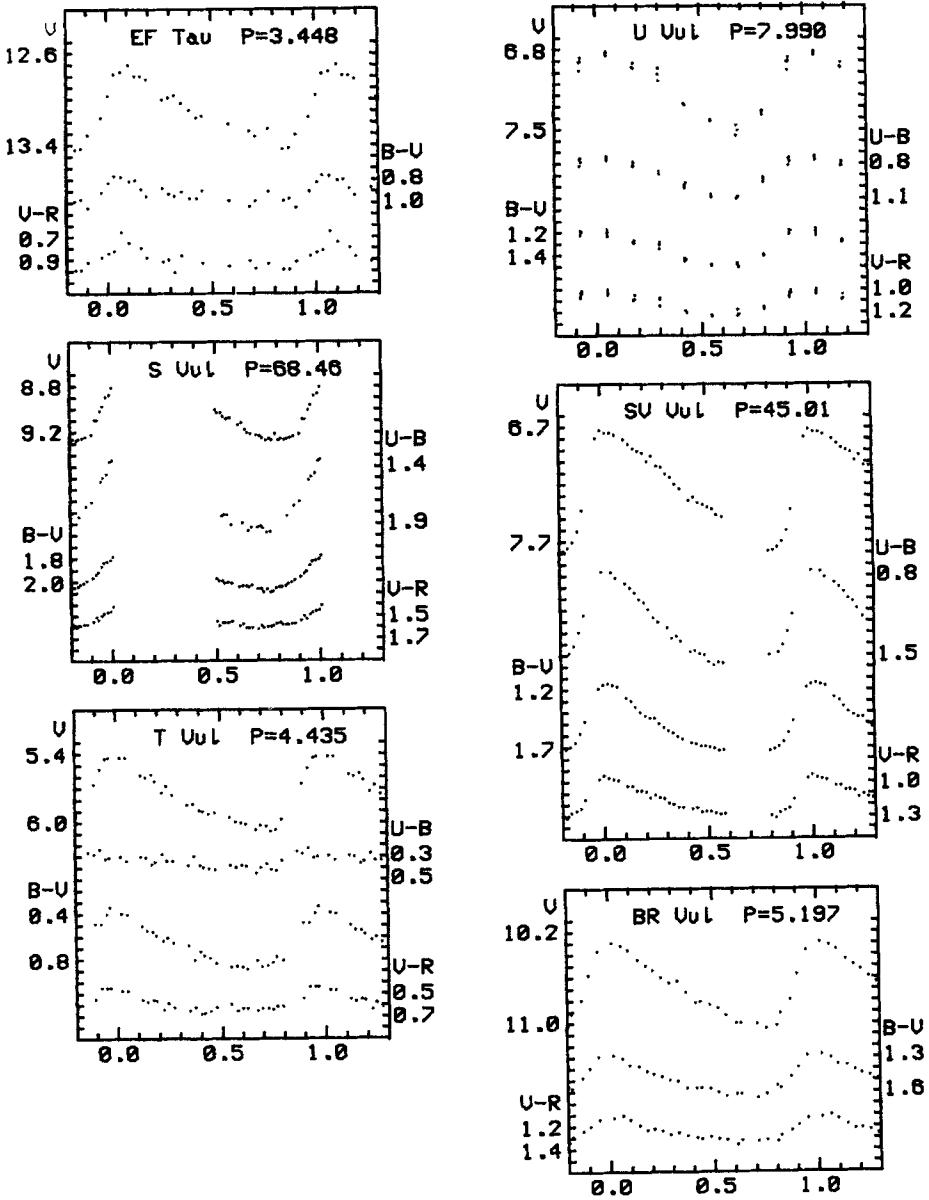


Figure 15 The light and colour curves for EF Tau, S Vul, T Vul, U Vul, SV Vul and BR Vul.

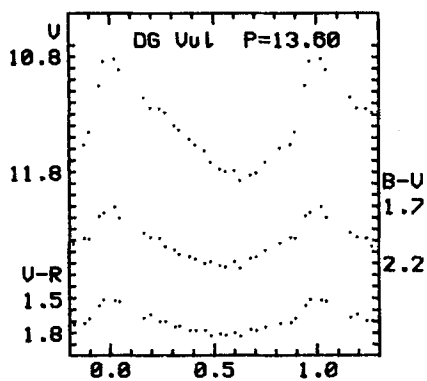


Figure 16 The light and colour curves for DG Vul.