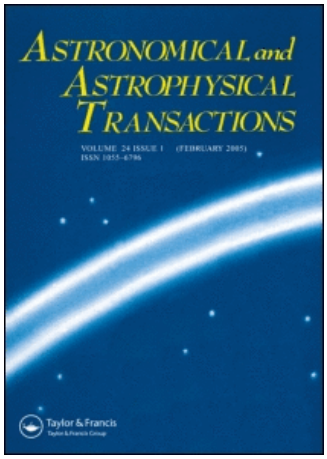

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Photoelectric observations of cepheids. VII

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PHOTOELECTRIC OBSERVATIONS OF CEPHEIDS. VII

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(30 August 1991)

1017 UBVR observations on the Johnson system for 56 Cepheids obtained in the 1990 season are presented.

KEY WORDS Cepheids, photometry.

The observational program was carried out in 1987 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 $\sim 0^{m}.01$. The light and colour curves are shown in Figures 1–8. 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.

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Table 1

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
		U Aql					V493 Aql		
8101.1701	6.324	0.683	0.987	0.884	8119.2212	11.260	–	1.373	1.184
8102.1931	6.430	0.773	1.076	0.911	8123.2082	11.275	–	1.334	1.156
8103.1727	6.617	0.870	1.137	0.941	8126.2285	11.268	–	1.319	1.155
8104.1774	6.768	0.920	1.210	0.988	8127.2085	10.814	–	1.203	1.046
8108.1762	6.337	0.704	1.039	0.855			V1162 Aql		
8109.1633	6.417	0.749	1.073	0.893	8102.1951	7.915	0.507	0.956	0.765
8110.1715	6.651	0.841	1.159	0.957	8103.1707	–	–	–	0.614
8111.1749	6.779	0.898	1.216	0.962	8104.1748	7.608	0.497	0.840	0.741
8112.1723	6.666	0.734	1.082	0.932	8108.1739	7.653	0.455	0.810	0.661
8113.1651	6.105	0.582	0.844	0.765	8109.1609	7.570	0.490	0.802	0.693
8114.1738	6.137	0.626	0.901	0.773	8110.1689	7.788	0.534	0.938	0.778
8115.2287	6.353	0.716	1.001	0.874	8111.1731	7.874	0.643	0.998	0.782
8116.1745	6.406	–	–	0.915	8112.1680	7.990	0.676	1.008	0.812
8117.1779	6.621	0.818	–	0.982	8113.1635	7.788	0.473	0.876	0.739
8118.1769	6.804	0.903	1.223	0.975	8114.1722	7.504	0.418	0.741	0.627
8119.1634	6.729	0.726	1.110	0.938	8115.2269	7.714	0.545	0.864	0.736
8123.1484	6.389	0.768	1.061	0.884	8116.1724	7.829	0.613	0.973	0.723
8127.1567	6.138	0.631	0.858	0.776	8117.1756	7.930	–	–	0.807
		V493 Aql			8119.1649	7.628	0.368	0.771	0.665
8101.3080	11.211	–	1.365	1.166	8123.1463	8.054	0.658	0.999	0.827
8102.2531	11.279	–	1.328	1.172	8127.1528	7.865	0.673	0.987	0.803
8103.2237	10.793	–	1.170	1.039			AX Aur		
8104.2509	11.179	–	1.376	1.144	8109.4583	12.137	–	0.951	–
8108.2345	11.260	–	1.361	1.136	8111.4620	12.578	–	1.306	–
8109.2243	10.817	–	1.179	1.031	8112.4414	12.114	–	0.993	0.936
8110.2185	11.173	–	1.388	1.153	8113.4532	12.375	–	1.223	1.081
8111.2334	11.278	–	1.327	1.172	8114.4706	12.647	–	1.253	–
8112.2271	10.810	–	1.184	1.020	8118.4803	12.249	–	1.056	0.952
8113.2205	11.183	–	1.363	1.151	8119.4775	12.387	–	1.216	1.044
8114.2494	11.296	–	1.331	1.173	8122.4799	12.366	–	1.179	1.039
8115.2019	10.847	–	1.160	1.048	8123.4766	12.562	–	1.276	1.031
8116.2129	11.227	–	1.329	1.201	8126.4763	12.625	–	1.248	1.103
8117.2471	11.303	–	1.341	1.147			BK Aur		
8118.2433	10.840	0.747	1.212	1.051	8102.4585	9.461	–	1.119	0.946

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	BK Aur					EW Aur			
8103.4297	9.683	–	1.226	0.997	8116.4732	13.702	–	1.069	–
8104.4671	9.797	–	1.227	–	8118.4601	13.396	–	0.891	–
8109.4440	9.291	–	1.061	0.871	8119.4491	13.716	–	1.179	1.099
8111.4501	9.673	–	1.225	–	8122.4496	13.768	–	1.290	1.114
8112.4226	9.776	–	1.239	1.020	8123.4566	13.098	–	0.882	0.883
8113.4352	9.662	–	1.177	0.857	8126.4569	13.355	–	–	0.964
8114.4582	9.323	–	0.989	0.860		HR Aur			
8116.4804	9.252	–	1.036	–	8102.4736	11.293	–	1.079	0.923
8118.4641	9.568	–	1.171	0.979	8103.4536	11.328	–	1.173	–
8119.4525	9.666	–	1.238	1.029	8109.4661	11.959	–	1.073	–
8122.4703	9.301	–	0.976	0.851	8111.4698	11.259	–	1.106	0.946
8123.4621	9.147	–	0.944	0.823	8112.4504	12.093	–	1.139	1.100
8126.4615	9.540	0.712	1.153	0.981	8113.4653	11.033	–	1.078	0.917
	CO Aur				8114.4793	11.659	–	1.115	1.032
8103.4467	7.686	–	0.754	0.608	8118.4857	11.084	–	1.065	0.922
8109.4621	7.877	–	0.770	0.662	8119.4843	11.456	–	1.052	1.026
8111.4659	7.762	–	0.741	0.619	8122.4848	11.915	–	1.108	1.090
8112.4451	7.670	–	0.695	0.628	8123.4834	11.106	–	0.998	0.908
8113.4616	7.638	0.290	0.723	0.593	8126.4834	11.126	–	1.032	0.904
8114.4749	7.777	–	0.765	0.647		IN Aur			
8116.4892	7.908	–	0.773	–	8103.4346	13.572	–	1.404	1.258
8117.4927	7.618	–	0.579	0.628	8111.4544	14.006	–	1.670	–
8118.4817	7.872	–	0.760	0.662	8112.4332	13.729	–	1.396	1.287
8119.4799	7.706	–	0.694	0.641	8113.4407	13.570	–	1.336	1.329
8122.4825	7.547	0.303	0.607	0.587	8114.4602	13.829	–	1.464	–
8123.4793	7.836	0.369	0.723	0.667	8117.4836	13.820	–	–	1.341
8126.4786	7.644	0.333	0.633	0.609	8118.4745	13.660	–	1.372	1.270
	EW Aur				8119.4700	13.818	–	1.522	1.316
8103.4246	13.717	–	1.213	1.079	8122.4744	13.624	–	1.482	1.217
8104.4628	13.636	–	1.049	–	8123.4704	13.618	–	1.417	1.274
8111.4443	13.720	–	1.167	–	8126.4702	14.137	–	1.554	1.399
8112.4173	13.681	–	1.075	1.087		TV Cam			
8113.4320	13.433	–	1.073	1.049	8103.4097	11.251	–	0.918	0.855
8114.4492	13.745	–	1.114	1.070	8104.4499	11.575	–	1.117	0.992

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	TV Cam					TU Cas			
8109.4030	11.468	–	1.060	0.961	8108.3916	7.680	0.274	0.606	0.542
8111.4175	11.978	–	1.314	1.123	8109.3605	8.002	0.334	0.714	0.616
8112.3782	12.150	–	1.390	1.157	8110.3579	7.517	0.263	0.508	0.482
8113.3646	11.600	–	1.086	0.961	8111.3736	8.081	0.369	0.745	0.636
8114.4285	11.422	–	1.032	0.958	8112.3367	7.611	0.283	0.550	0.504
8116.4391	11.909	–	1.292	1.128	8112.4572	7.706	0.287	0.600	0.561
8118.4230	11.940	–	1.213	1.050	8113.3264	7.928	0.350	0.693	0.597
8119.4238	11.298	–	0.968	0.905	8113.3972	7.915	0.339	0.712	0.579
8122.4297	12.069	–	1.354	1.144	8114.3978	7.399	0.284	0.444	0.452
8123.3989	12.153	–	1.310	1.118	8116.3912	7.246	0.249	0.345	0.366
8126.3721	11.783	–	1.288	1.080	8117.4563	8.048	0.399	0.698	0.652
8127.3366	11.948	–	1.322	1.137	8118.3851	7.586	0.253	0.509	0.484
	AB Cam				8119.3840	7.794	0.310	0.663	0.583
8102.4367	11.466	–	1.078	0.942	8122.3612	7.863	0.265	0.634	0.581
8103.3958	11.808	–	1.218	1.082	8122.4879	7.517	–	0.470	0.438
8104.4460	11.975	–	1.313	1.122	8123.3310	7.780	0.295	0.652	0.574
8109.3974	11.846	–	1.245	1.088	8123.3508	7.805	0.313	0.650	0.575
8111.4120	12.267	–	1.394	1.189	8123.4138	7.828	0.309	0.659	0.579
8112.3727	12.253	–	1.364	1.148	8123.4845	7.825	–	0.667	0.572
8113.3617	11.362	–	0.983	0.910	8126.3369	8.080	0.377	0.764	0.646
8114.4250	11.681	–	1.144	1.038	8126.4199	8.075	0.385	0.763	0.655
8116.4326	12.120	–	1.376	1.173	8126.4901	8.102	0.375	0.732	0.663
8118.4194	12.128	–	1.268	1.159	8127.2978	7.541	0.283	0.537	0.487
8119.4205	11.440	–	1.015	0.939	8127.3972	7.647	0.293	0.587	0.527
8122.4267	12.182	–	1.407	1.181		XY Cas			
8123.3947	12.355	–	1.423	1.191	8101.4564	10.004	–	1.139	0.947
8126.3679	11.758	–	1.205	1.064	8103.3697	9.926	–	1.161	0.965
8127.3321	11.894	–	1.340	1.096	8104.3967	10.089	–	1.247	0.987
	TU Cas				8104.4244	10.106	–	1.257	1.005
8101.4375	7.390	–	0.447	0.433	8108.4056	10.036	–	1.229	1.014
8102.3822	7.888	0.330	0.701	0.605	8109.3735	10.192	–	1.257	1.033
8103.3543	7.701	0.255	0.563	0.524	8110.3774	10.074	–	1.160	0.973
8104.3817	7.734	0.301	0.635	0.538	8111.3872	9.708	–	0.997	0.876
8104.4154	7.754	0.281	0.660	0.547	8113.3442	10.127	–	1.239	1.029

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	XY Cas					AS Cas			
8114.4082	10.253	–	1.273	1.064	8102.3799	12.222	–	1.345	1.222
8116.4095	9.856	–	1.110	0.974	8103.3527	12.319	–	1.387	1.282
8117.4699	10.131	–	1.203	1.026	8104.3782	12.431	–	1.411	1.284
8118.4008	10.211	–	1.275	1.021	8104.4141	12.425	–	1.419	1.285
8119.4008	10.079	–	1.166	0.990	8108.3894	12.184	–	1.348	1.256
8122.3979	10.131	–	1.274	1.026	8109.3563	12.453	–	1.425	1.284
8123.3607	10.263	–	1.262	1.021	8110.3554	12.299	–	1.354	1.234
8126.3495	10.044	–	1.232	0.995	8111.3697	12.054	–	1.277	1.194
8127.3117	10.204	–	1.260	1.034	8112.3343	12.302	–	1.392	1.277
8127.4076	10.220	–	1.276	1.032	8113.3237	12.541	–	1.462	1.300
	AP Cas				8113.3939	12.530	–	1.427	–
8101.4418	11.786	–	1.493	1.254	8114.3964	12.048	–	1.374	1.173
8102.3859	11.405	–	1.315	1.140	8116.3895	12.262	–	1.328	1.237
8103.3568	11.290	–	1.277	1.123	8117.4552	12.302	–	1.326	1.250
8104.3842	11.441	–	1.381	1.164	8118.3839	12.328	–	1.371	1.267
8104.4176	11.439	–	1.389	1.177	8119.3825	12.503	–	1.414	1.302
8108.3975	11.728	–	1.477	1.246	8122.3601	12.482	–	1.452	1.293
8109.3631	11.388	–	1.265	1.142	8123.3493	12.149	–	1.332	1.228
8110.3615	11.324	–	1.305	1.136	8123.4117	12.180	–	1.353	1.234
8111.3781	11.486	–	1.398	1.204	8126.3345	12.078	–	1.294	1.179
8112.3390	11.560	–	1.451	1.211	8126.4190	12.050	–	1.277	1.184
8113.3291	11.697	–	1.525	1.264	8127.2963	12.275	–	1.352	1.262
8114.4003	11.905	–	1.573	1.335	8127.3953	12.291	–	1.413	1.263
8116.3937	11.372	–	1.277	1.163		CE Cas			
8117.4588	–	–	1.307	1.165	8101.4300	10.344	–	1.308	1.057
8118.3936	11.502	–	1.417	1.222	8102.3754	10.457	–	1.284	1.081
8119.3869	11.626	–	1.514	1.257	8103.3480	10.116	–	1.074	0.956
8122.3634	11.651	–	1.418	1.238	8104.3668	9.976	–	1.057	0.924
8123.3535	11.299	–	1.260	1.119	8104.4073	9.988	–	1.072	0.942
8126.3397	11.629	–	1.496	1.233	8108.3818	10.184	–	1.126	0.994
8127.3000	11.749	–	–	–	8109.3494	10.116	–	1.104	0.983
8127.4000	11.778	–	1.526	1.294	8110.3470	10.215	–	1.171	1.015
	AS Cas				8111.3638	10.366	–	1.275	1.058
8101.4357	12.076	–	1.301	1.174	8112.3283	10.115	–	1.082	0.961

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			
8112.4550	10.118	-	1.090	0.967	8114.3936	11.132	-	1.258	1.122
8113.3182	10.290	-	1.167	1.030	8116.3851	11.396	-	1.378	1.153
8113.3917	10.276	-	1.200	1.045	8117.4496	-	-	-	1.009
8113.4741	10.335	-	1.217	1.045	8118.3801	10.940	-	1.126	1.021
8114.3922	10.198	-	1.165	1.020	8119.3788	11.144	-	1.307	1.094
8114.4863	10.185	-	1.174	-	8122.3557	10.976	-	1.126	1.027
8116.3833	10.222	-	1.185	1.028	8123.3452	10.926	-	1.167	1.011
8117.4480	10.224	-	1.141	1.017	8123.4072	10.952	-	1.155	1.022
8118.3789	10.390	-	1.268	1.074	8126.3298	11.403	-	1.358	1.119
8118.4875	10.432	-	1.292	1.062	8127.2912	10.949	-	1.113	0.998
8119.3779	10.320	-	1.186	1.065	8127.3918	10.899	-	1.082	0.975
8119.4875	10.250	-	1.215	1.017		CG Cas			
8122.3541	10.244	-	1.203	1.043	8104.3739	11.730	-	1.386	1.195
8122.4873	10.269	-	1.238	1.018	8104.4110	11.718	-	1.382	1.220
8123.3446	10.440	-	1.272	1.072	8108.3856	11.724	-	1.418	1.223
8123.4051	10.456	-	1.288	1.065	8109.3529	11.211	-	1.123	1.050
8126.3274	10.090	-	1.122	1.005	8110.3517	11.128	-	1.189	1.047
8126.4160	10.103	-	1.130	0.985	8111.3676	11.483	-	1.347	1.169
8126.4898	10.129	-	1.144	0.994	8112.3310	11.687	-	1.407	1.202
8127.2893	10.305	-	1.233	1.050	8113.3212	11.673	-	1.329	1.172
8127.3905	10.319	-	1.250	1.066	8114.3946	11.021	-	1.117	1.031
	CF Cas				8116.3866	11.675	-	1.400	1.246
8101.4318	11.347	-	1.350	1.151	8117.4516	-	-	1.382	1.216
8102.3766	11.239	-	1.242	1.059	8118.3813	10.946	-	1.018	0.980
8103.3495	10.841	-	1.052	0.955	8119.3803	11.274	-	1.251	1.115
8104.3693	11.030	-	1.205	1.044	8122.3566	11.335	-	1.196	1.096
8104.4101	11.034	-	1.234	1.047	8123.3474	11.126	-	1.118	1.049
8108.3838	10.829	-	1.100	0.972	8123.4079	11.105	-	1.171	1.047
8109.3507	11.077	-	1.219	1.068	8126.3319	11.739	-	1.369	1.190
8110.3495	11.254	-	1.306	1.117	8127.2926	10.967	-	1.036	0.974
8111.3662	11.372	-	1.388	1.119	8127.3926	10.964	-	1.094	0.962
8112.3295	11.138	-	1.188	1.028		NY Cas			
8112.4564	11.065	-	1.169	1.034	8101.4514	13.287	-	0.827	0.825
8113.3197	10.866	-	1.064	0.995	8103.3618	13.204	-	0.776	0.764

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	NY Cas					V395 Cas			
8104.3876	13.296	-	0.860	0.777	8127.3192	10.409	-	1.006	0.888
8104.4191	13.323	-	0.858	0.829		X Cyg			
8108.3997	13.446	-	0.876	0.844	8101.1602	6.884	1.388	1.437	1.033
8109.3688	13.053	-	0.718	0.707	8102.1771	6.823	-	1.406	1.002
8110.3683	13.430	-	0.828	0.856	8103.1543	6.718	1.017	1.281	0.972
8111.3818	13.395	-	0.857	0.853	8104.1566	6.616	0.830	1.210	0.946
8112.3433	13.075	-	0.793	0.739	8108.1494	6.020	0.676	0.936	0.705
8113.3334	13.473	-	0.906	0.824	8109.1455	6.104	0.788	1.047	0.815
8114.4037	13.354	-	0.824	0.856	8110.1525	6.211	0.875	1.155	0.853
8116.3996	13.537	-	0.986	0.869	8111.1573	6.277	0.989	1.250	0.892
8117.4651	-	-	0.799	0.723	8112.1509	6.390	1.093	1.285	0.939
8118.3966	13.283	-	0.806	0.794	8113.1513	6.471	1.183	1.340	0.965
8119.3908	13.589	-	0.906	0.871	8114.1434	6.608	1.260	1.398	0.982
8122.3663	13.517	-	0.916	0.879	8115.2235	6.698	-	1.443	1.003
8123.3570	13.127	-	0.749	0.769	8116.1679	6.780	1.402	1.463	1.011
8123.4175	13.079	-	0.739	0.731	8117.1499	6.856	1.408	1.508	1.045
8126.3432	13.092	-	0.730	0.734	8118.1460	6.871	1.354	1.430	1.041
8126.4232	13.117	-	0.744	0.785	8119.1404	6.817	1.105	1.362	1.008
8127.3065	13.454	-	0.925	0.851	8123.1427	5.914	0.643	0.838	0.705
8127.4035	13.466	-	0.916	0.861	8127.1428	6.253	0.975	1.209	0.894
	V395 Cas					DT Cyg			
8102.4258	10.749	-	1.152	0.967	8101.1522	5.802	-	0.551	0.473
8103.3834	10.448	-	1.016	0.891	8102.1744	5.893	0.328	0.596	0.509
8104.4341	10.729	-	1.174	1.010	8103.1497	5.662	0.359	0.496	0.418
8111.3982	10.433	-	1.006	0.910	8104.1522	5.911	0.339	0.609	0.527
8112.3617	10.700	-	1.173	0.998	8108.1454	5.664	0.397	0.510	0.435
8113.3523	10.919	-	1.247	1.051	8109.1418	5.888	0.365	0.599	0.501
8114.4160	10.924	-	1.214	1.055	8110.1477	5.736	0.369	0.528	0.446
8116.4206	10.704	-	1.222	1.001	8111.1541	5.758	0.365	0.563	0.464
8118.4072	10.948	-	1.209	1.030	8112.1476	5.887	0.360	0.586	0.501
8119.4113	10.460	-	1.015	0.914	8113.1480	5.641	0.387	0.501	0.438
8122.4185	10.957	-	1.204	1.031	8114.1390	5.938	0.357	0.610	-
8123.3821	10.412	-	0.989	0.885	8115.2188	5.683	0.402	0.511	0.429
8126.3568	10.951	-	1.246	1.026	8116.1645	5.780	0.374	0.562	0.459

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					EX Cyg			
8117.1474	5.883	0.347	–	0.501	8111.2572	12.903	–	1.600	1.409
8118.1431	5.675	0.377	0.525	0.445	8112.2460	12.681	–	1.598	1.343
8119.1361	–	0.337	0.623	0.516	8113.2444	12.971	–	1.665	1.483
8123.1321	5.659	0.411	0.499	0.432	8114.2744	13.206	–	1.837	1.475
8127.1393	5.888	–	0.582	0.510	8116.2431	12.773	–	1.562	1.420
	EP Cyg				8117.3362	12.796	–	1.580	1.393
8101.3239	12.917	–	1.361	1.153	8118.2753	13.043	–	1.683	1.496
8103.2418	12.340	–	1.043	0.967	8119.2522	13.230	–	1.797	1.538
8104.2595	12.554	–	1.179	1.055	8122.2642	12.767	–	1.604	1.436
8108.2430	12.448	–	1.116	1.026	8123.2369	13.056	–	1.717	1.506
8109.2308	12.784	–	1.258	1.155	8126.2626	12.590	–	1.443	1.332
8111.2422	13.084	–	1.366	1.181	8126.3852	12.589	–	1.463	1.340
8112.2329	12.368	–	1.024	0.982	8127.2261	12.811	–	1.651	1.415
8113.2282	12.695	–	1.278	1.120	8127.3493	12.846	–	1.612	1.417
8113.3674	12.733	–	1.281	1.156		GI Cyg			
8114.2549	12.994	–	1.378	1.224	8101.3686	11.474	–	1.340	1.208
8115.2110	13.141	–	1.385	1.226	8102.3118	11.642	–	1.458	1.282
8116.2193	12.318	–	1.045	1.000	8103.2824	11.803	–	1.538	1.341
8117.2731	–	–	1.244	1.080	8104.2962	11.966	–	1.571	1.348
8118.2568	12.901	–	1.361	1.174	8108.3106	11.671	–	1.486	1.292
8119.2257	13.131	–	1.395	1.238	8109.2767	11.850	–	1.566	1.331
8122.2486	12.804	–	1.326	1.148	8110.2768	12.021	–	1.600	1.403
8123.2247	13.048	–	1.365	1.228	8111.2859	11.993	–	1.573	1.332
8126.2550	12.769	–	1.285	1.168	8112.2688	11.416	–	1.319	1.176
8126.3770	12.809	–	1.306	1.164	8113.2648	11.544	–	1.385	1.241
8127.2192	12.973	–	1.423	1.178	8113.3821	11.520	–	1.421	1.252
8127.3403	12.961	–	1.378	1.204	8114.3097	11.760	–	1.541	1.298
	EX Cyg				8116.2883	12.094	–	1.600	1.448
8102.2843	12.597	–	1.469	1.332	8117.3750	11.845	–	1.457	1.276
8103.2531	12.874	–	1.622	1.449	8118.3251	11.435	–	1.305	1.207
8104.2699	13.123	–	1.783	1.510	8122.3074	12.042	–	1.643	1.359
8108.2704	12.922	–	1.659	1.458	8123.2815	11.768	–	1.421	1.268
8109.2500	13.145	–	–	1.491	8126.2844	11.806	–	1.571	1.323
8110.2474	13.308	–	1.811	1.546	8126.3948	11.825	–	1.549	1.358

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
		GI Cyg					IU Cyg		
8127.2435	11.973	–	1.589	1.381	8116.2386	13.696	–	1.421	1.220
8127.3637	12.003	–	1.608	–	8117.2795	13.780	–	1.268	–
		GL Cyg			8118.2695	13.778	–	1.259	1.164
8101.3849	13.944	–	1.284	1.188	8119.2386	13.816	–	1.310	1.150
8102.3221	14.027	–	1.328	1.171	8122.2546	13.621	–	1.138	1.077
8103.2999	13.319	–	1.008	0.972	8123.2300	13.490	–	1.086	1.030
8104.3338	13.753	–	1.259	1.113	8126.2594	12.937	–	0.868	0.888
8108.3416	–	–	1.259	–	8126.3811	12.925	–	0.889	0.896
8109.2979	13.861	–	1.257	1.083	8127.2228	12.901	–	0.915	0.918
8110.2874	13.482	–	1.061	1.018	8127.3457	12.897	–	0.891	0.887
8111.2990	13.925	–	–	1.187			MZ Cyg		
8112.2799	14.077	–	1.329	1.215	8101.4025	12.328	–	1.213	0.930
8113.2729	13.280	–	1.004	0.938	8102.3462	12.199	–	1.067	0.869
8114.3452	13.818	–	1.242	1.169	8103.3188	11.899	–	0.929	0.767
8117.3966	13.674	–	1.193	1.072	8104.3424	11.627	–	0.778	0.684
8118.3376	13.968	–	1.263	1.150	8108.3534	11.042	–	0.723	0.653
8122.3196	13.994	–	1.326	1.170	8109.3264	11.147	–	0.832	0.699
8123.2900	13.294	–	0.993	0.927	8110.3125	11.151	–	0.888	0.731
8126.2938	13.679	–	1.157	1.043	8111.3294	11.205	–	0.952	0.778
8126.4014	13.482	–	1.038	–	8112.2902	11.238	–	1.029	0.768
8127.2659	13.556	–	1.138	1.038	8113.2842	11.298	–	1.091	0.753
8127.3706	13.607	–	1.107	1.060	8114.3605	11.433	–	1.144	0.870
		IU Cyg			8116.3543	11.672	–	1.192	0.897
8101.3371	12.988	–	1.064	1.026	8117.4172	11.958	–	1.294	0.959
8102.2777	12.992	–	1.144	1.021	8118.3538	12.075	–	1.312	1.012
8103.2470	13.043	–	1.137	1.069	8119.3652	12.209	–	1.393	0.975
8104.2643	13.043	–	1.181	1.032	8122.3913	12.313	–	1.243	0.941
8108.2531	13.247	–	1.254	1.147	8123.2982	12.260	–	1.170	0.893
8109.2402	13.347	–	1.343	1.170	8126.3020	11.521	–	0.733	0.639
8110.2357	13.331	–	1.307	1.130	8126.4055	11.499	–	0.700	0.675
8111.2509	13.399	–	1.309	1.133	8127.2701	11.235	–	0.606	0.598
8112.2390	13.455	–	1.347	1.175	8127.3767	11.145	–	0.614	0.573
8113.2369	13.502	–	1.292	1.135			QY Cyg		
8113.3740	13.525	–	1.400	1.181	8108.2952	14.317	–	0.823	–

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	QY Cyg					V538 Cyg			
8112.2621	14.253	–	0.989	0.784	8127.3796	10.208	–	1.217	1.043
8113.2581	14.690	–	0.984	–		V547 Cyg			
8114.3024	14.985	–	1.023	–	8101.3533	13.291	–	1.490	1.362
8116.2766	14.437	–	0.933	0.930	8102.2887	13.426	–	1.632	1.404
8117.3561	14.760	–	1.202	–	8103.2604	13.691	–	–	1.434
8118.2983	14.968	–	1.119	–	8104.2757	13.846	–	–	–
8119.2689	14.547	–	0.923	0.937	8108.2879	13.436	–	1.597	1.408
8122.2837	14.977	–	1.246	–	8109.2833	13.613	–	1.694	1.453
8123.2565	14.333	–	0.867	0.798	8110.2599	13.727	–	1.805	–
8126.2776	15.037	–	1.145	1.105	8111.2649	13.696	–	1.659	1.400
8127.2382	14.199	–	0.788	0.802	8112.2507	12.948	–	1.328	1.214
8127.3589	14.127	–	0.782	–	8113.2488	13.107	–	1.444	1.275
	V538 Cyg				8114.2896	13.423	–	1.602	1.385
8101.4086	10.519	–	1.327	1.139	8116.2570	13.785	–	1.778	1.529
8102.3519	10.167	–	1.187	1.018	8117.3132	–	–	1.676	1.492
8103.3235	10.234	–	1.242	1.085	8118.2897	13.085	–	1.327	1.263
8104.3471	10.391	–	1.354	1.127	8119.2573	13.091	–	1.437	1.306
8108.3595	10.190	–	1.199	1.028	8122.2747	13.720	–	1.752	1.467
8109.3324	10.259	–	1.243	1.066	8123.2448	13.841	–	1.745	1.491
8110.3172	10.386	–	1.319	1.113	8126.2668	13.288	–	1.518	1.396
8111.3340	10.536	–	1.426	1.158	8126.3911	13.316	–	1.548	1.362
8112.2959	10.671	–	1.458	1.188	8127.2303	13.462	–	1.627	1.428
8113.2884	10.669	–	1.387	1.157	8127.3547	13.483	–	1.604	1.418
8113.3869	10.606	–	1.381	1.156		V1025 Cyg			
8114.3653	10.262	–	1.233	1.057	8101.3735	12.929	–	1.774	1.508
8116.3593	10.410	–	1.323	1.130	8102.3142	13.114	–	1.832	1.559
8117.4223	10.600	–	1.388	1.162	8104.3067	13.264	–	1.807	–
8118.3583	10.675	–	1.451	1.182	8111.2910	13.306	–	1.874	1.555
8119.3476	10.707	–	1.433	1.188	8112.2719	12.817	–	1.561	1.393
8122.3324	10.368	–	1.340	1.126	8113.2684	12.649	–	1.574	1.378
8123.3085	10.498	–	1.394	1.153	8114.3194	12.874	–	1.751	–
8126.3067	10.369	–	1.275	1.083	8116.3022	13.146	–	1.842	1.539
8126.4091	10.336	–	1.245	1.090	8117.3877	13.387	–	1.912	1.572
8127.2731	10.214	–	1.197	1.036	8118.3294	13.264	–	1.796	1.565

Table 1 (continued)

JD hel 2440000+	V	U-B	B-V	V-R	JD hel 2440000+	V	U-B	B-V	V-R
	V1025 Cyg					V Lac			
8119.2903	12.811	-	1.625	1.412	8113.4691	9.012	-	1.044	0.871
8122.3109	12.932	-	1.764	1.484	8114.4817	9.246	-	1.118	0.927
8123.2834	13.182	-	1.864	1.552	8116.3803	8.517	-	0.709	0.647
8126.2870	12.778	-	1.608	1.408	8117.4453	-	-	0.841	0.756
8126.3980	12.720	-	1.549	1.370	8118.3757	8.960	-	1.008	0.860
8127.2607	12.690	-	1.589	1.416	8119.3749	9.212	-	1.122	0.930
8127.3658	12.708	-	1.607	1.401	8119.4911	9.245	-	1.152	0.917
	BX Del				8122.3516	8.647	-	0.832	0.748
8102.3401	11.844	-	0.337	0.363	8123.3406	8.973	-	1.007	0.854
8103.3035	12.246	-	0.539	0.463	8126.3240	8.540	-	0.740	0.668
8104.3107	12.489	-	0.650	0.543	8126.4856	8.433	-	0.647	0.652
8108.3469	12.301	-	0.682	-	8127.2862	8.620	-	0.827	0.709
8109.3060	12.144	-	0.563	0.509	8127.3875	8.661	-	0.851	0.728
8110.2955	12.068	-	0.543	0.487		X Lac			
8111.3065	11.908	-	0.513	0.561	8103.4664	8.509	-	1.006	0.880
8112.2216	11.811	-	0.375	0.343	8109.4718	8.585	-	1.023	0.876
8113.2133	11.982	-	0.400	0.403	8110.3388	8.582	-	1.011	0.853
8114.2327	12.251	-	0.550	0.491	8111.3611	8.304	-	0.851	0.794
8116.3485	12.499	-	0.612	0.581	8111.4749	8.266	-	0.851	0.779
8117.2603	12.531	-	0.669	0.585	8112.3257	8.178	-	0.844	0.746
8118.2515	12.426	-	0.655	0.590	8112.4524	8.206	-	0.853	0.778
8119.3067	12.399	-	0.684	0.565	8113.3158	8.308	-	0.918	0.793
8122.3238	12.115	-	0.539	0.515	8113.4702	8.353	-	0.972	0.796
8123.2190	11.923	-	0.412	-	8114.4826	8.541	-	1.051	0.881
8127.2111	12.538	-	0.689	0.551	8116.3809	8.489	-	0.947	0.832
	V Lac				8117.4458	8.220	-	0.830	0.745
8103.4652	8.982	-	0.987	-	8118.3763	8.265	-	0.893	0.766
8109.4707	9.219	-	1.100	0.908	8119.3751	8.442	-	1.029	0.852
8110.3378	9.335	-	1.133	0.903	8119.4923	8.479	-	1.040	0.875
8111.3603	8.557	-	0.740	0.674	8122.3519	8.241	-	0.878	0.778
8111.4740	8.447	-	0.709	0.635	8123.3413	8.212	-	0.857	0.753
8112.3251	8.616	-	0.799	0.716	8126.3248	8.587	-	1.070	0.855
8112.4516	8.666	-	0.840	0.757	8126.4865	8.629	-	1.006	0.899
8113.3152	8.940	-	0.987	0.829	8127.2867	8.462	-	0.950	0.822

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					RR Lac		
8127.3882	8.416	–	0.937	0.816	8119.4898	9.225	–	1.157	0.929
		Z Lac			8122.3497	8.589	–	0.833	0.775
8109.4689	8.352	–	1.197	0.968	8123.3396	8.833	–	0.947	0.832
8110.3360	8.486	–	1.279	1.008	8126.3230	9.196	–	1.112	0.899
8111.3586	8.649	–	1.364	1.047	8126.4848	9.186	–	1.053	0.867
8111.4719	8.688	–	1.388	1.049	8127.2852	8.734	–	0.831	0.747
8112.3233	8.790	–	1.387	1.068	8127.3869	8.644	–	0.799	0.721
8112.4497	8.814	–	1.390	1.089			DF Lac		
8113.3135	8.835	–	1.338	1.065	8101.4232	–	–	1.304	1.132
8114.4796	8.646	–	1.245	0.995	8102.3705	11.732	–	1.080	0.978
8116.3781	8.368	–	1.059	0.893	8103.3426	11.665	–	1.076	0.951
8118.3740	8.119	–	1.016	0.880	8104.3625	11.907	–	1.235	1.053
8119.3736	8.218	–	1.138	0.926	8108.3751	11.793	–	1.210	1.050
8119.4886	8.260	–	1.137	0.953	8109.3445	12.053	–	1.326	1.099
8122.3484	8.663	–	1.367	1.061	8110.3415	12.211	–	1.292	1.125
8123.3389	8.813	–	1.401	1.079	8111.3552	11.731	–	1.098	0.955
8126.3223	8.469	–	1.148	0.926	8112.3204	11.682	–	1.088	0.972
8126.4837	8.457	–	1.078	0.933	8113.3099	11.926	–	1.254	1.045
8127.2841	8.363	–	1.048	0.900	8114.3883	12.132	–	1.328	1.133
8127.3861	8.328	–	1.063	0.888	8116.3747	11.591	–	1.002	0.934
		RR Lac			8117.4365	–	–	1.208	1.055
8103.4637	8.673	–	0.877	–	8118.3714	12.075	–	1.297	1.094
8109.4698	8.584	–	0.817	0.737	8119.3706	12.213	–	1.332	1.118
8110.3371	8.769	–	0.943	0.794	8122.3459	11.955	–	1.268	1.071
8111.3596	8.936	–	1.023	0.860	8123.3263	12.146	–	1.309	1.112
8111.4729	8.962	–	1.057	0.852	8126.3186	11.883	–	1.225	1.055
8112.3244	9.141	–	1.084	0.909	8126.4122	11.867	–	1.224	1.081
8112.4508	9.170	–	1.086	0.930	8127.2819	12.054	–	1.291	1.086
8113.3145	9.212	–	1.098	0.907	8127.3835	12.059	–	1.314	1.096
8114.4806	8.729	–	0.842	0.748			Y Oph		
8116.3796	8.704	–	0.880	0.793	8101.1947	6.364	1.164	1.553	1.267
8117.4447	8.915	–	0.984	0.833	8102.2092	6.348	1.161	1.532	1.250
8118.3750	9.075	–	1.082	0.886	8103.1878	6.319	1.128	1.487	1.230
8119.3740	9.239	–	1.125	0.945	8104.1879	6.270	1.069	1.486	1.206

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					V477 Oph		
8108.1877	5.957	0.978	1.285	1.093	8109.1801	13.653	-	0.479	-
8109.1740	5.958	0.984	1.313	1.080	8111.1941	13.604	-	0.627	-
8110.1815	6.003	0.985	1.357	1.119	8112.1944	14.171	-	0.848	0.674
8111.1847	6.046	1.007	1.427	1.128	8113.1804	13.558	-	0.594	0.565
8112.1818	6.108	1.053	1.443	1.171	8114.1882	14.248	-	0.800	0.750
8113.1747	6.169	1.107	1.485	1.216	8115.1747	13.600	-	0.555	-
8114.1819	6.236	1.157	1.530	1.215	8117.1969	13.609	-	0.585	0.602
8115.1888	6.320	-	1.515	1.255	8118.1984	14.255	-	0.764	0.749
8116.1891	6.358	1.179	1.579	1.250	8119.1810	13.635	-	0.508	0.601
8117.1870	6.349	1.186	1.618	1.288	8123.1663	13.567	-	0.513	0.620
8118.1869	6.360	1.199	1.561	1.243	8127.1790	13.557	-	0.503	0.566
8119.1578	6.402	1.153	1.533	1.269			CI Per		
8123.1579	6.131	0.989	1.372	1.144	8101.4644	12.795	-	0.892	0.829
8127.1691	6.006	1.010	1.356	1.133	8102.4163	12.311	-	0.685	0.670
		BF Oph			8103.3754	12.652	-	0.807	0.789
8101.1971	7.271	0.499	0.842	0.791	8104.4002	12.787	-	0.880	0.803
8102.2120	7.514	-	1.028	0.793	8104.4279	12.810	-	0.901	0.815
8103.1901	7.595	0.629	0.988	0.784	8108.4094	12.683	-	0.802	0.780
8104.1901	6.901	0.399	0.768	0.633	8109.3760	12.436	-	0.754	0.697
8108.1905	6.982	0.433	0.704	0.567	8110.3832	12.765	-	0.855	0.812
8109.1763	7.218	0.484	0.895	0.702	8111.3903	12.807	-	0.863	0.817
8110.1839	7.535	0.573	1.008	0.889	8112.3538	12.347	-	0.722	0.679
8111.1875	7.600	0.563	1.076	0.827	8113.3478	12.661	-	0.850	0.749
8112.1841	6.956	0.343	0.653	0.625	8114.4109	12.868	-	0.877	-
8113.1773	7.195	0.472	0.885	0.753	8116.4148	12.614	-	0.843	0.786
8114.1848	7.486	0.641	0.965	0.806	8118.4036	12.630	-	0.786	0.750
8117.1895	7.102	0.414	1.016	0.708	8119.4068	12.557	-	0.787	0.787
8119.1560	7.643	0.595	1.020	0.839	8122.4008	12.411	-	0.733	0.704
8123.1604	7.583	0.694	1.041	0.852	8123.3644	12.725	-	0.862	0.783
8127.1721	7.538	0.714	1.032	0.922	8123.4231	12.770	-	0.849	0.835
		V477 Oph			8126.3529	12.647	-	0.850	0.784
8102.2197	14.086	-	0.680	0.698	8126.4283	12.662	-	0.811	0.830
8103.1948	13.590	-	0.548	0.623	8127.3149	12.833	-	0.868	0.825
8104.2022	14.136	-	0.706	-	8127.4106	12.843	-	0.876	0.844

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	DW Per					MM Per			
8102.4301	11.733	–	1.260	1.098	8113.3580	10.712	–	1.097	0.917
8103.3873	11.833	–	1.258	1.082	8114.4217	11.021	–	1.200	1.019
8104.4359	11.249	–	–	–	8116.4290	10.455	–	0.897	0.843
8109.3867	11.692	–	1.222	1.088	8118.4138	10.972	–	1.197	0.987
8111.4027	11.225	–	0.996	0.898	8119.4172	11.110	–	1.220	1.000
8112.3653	11.483	–	1.138	1.025	8122.4244	10.953	–	1.190	0.983
8113.3545	11.781	–	1.283	1.093	8123.3893	11.103	–	1.201	0.995
8114.4187	11.869	–	1.277	1.129	8126.3629	10.899	–	1.173	0.975
8116.4238	11.634	–	1.225	1.101	8127.3274	–	–	1.202	1.002
8118.4098	11.557	–	1.140	0.974			S Sge		
8119.4131	11.415	–	1.127	0.984	8101.1633	5.550	0.442	0.758	0.641
8122.4211	11.219	–	1.000	0.912	8102.1790	5.295	0.450	0.674	0.575
8123.3854	11.514	–	1.165	1.027	8103.1567	5.393	0.538	0.750	0.603
8126.3591	11.257	–	1.022	0.934	8104.1586	5.367	0.472	0.775	0.629
8127.3215	11.598	–	1.195	1.056	8108.1504	5.955	0.806	0.979	0.764
	GP Per				8109.1462	5.668	0.514	0.836	0.677
8104.4568	14.228	–	1.272	–	8110.1543	5.295	0.562	0.642	0.551
8109.4218	13.967	–	0.920	–	8111.1584	5.373	0.556	0.743	0.584
8111.4376	14.091	–	1.040	–	8112.1530	5.362	0.538	0.748	0.606
8112.4025	14.099	–	1.086	1.160	8113.1525	5.540	0.650	0.860	0.681
8113.4156	14.258	–	1.208	–	8114.1445	5.725	0.752	0.948	0.733
8114.4401	14.097	–	1.120	1.145	8115.2242	5.870	0.916	1.007	0.761
8118.4486	14.094	–	1.138	1.064	8116.1688	5.969	0.840	1.019	0.773
8119.4391	14.362	–	1.226	1.137	8117.1511	5.819	0.570	0.936	0.735
8122.4403	14.011	–	1.082	1.085	8118.1474	5.452	0.450	–	0.603
8123.4496	14.398	–	1.187	1.130	8119.1423	5.355	0.530	0.704	0.594
8126.4496	13.953	–	1.099	1.050	8123.1367	5.816	0.862	0.966	0.762
	MM Per				8127.1450	5.269	–	0.656	0.558
8102.4337	–	–	1.193	–			U Sgr		
8103.3917	11.017	–	1.124	0.941	8101.1892	6.357	0.661	0.912	0.826
8104.4430	10.545	–	0.935	0.858	8102.2028	6.562	0.814	1.102	0.881
8109.3907	10.748	–	1.101	0.937	8103.1799	6.655	0.869	1.129	0.940
8111.4086	11.093	–	1.176	0.988	8104.1815	6.868	0.988	1.277	1.048
8112.3695	10.452	–	0.885	0.819	8108.1820	6.415	0.746	1.000	0.816

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					AP Sgr		
8109.1677	6.606	0.852	1.100	0.913	8103.1857	6.773	0.486	0.708	0.595
8110.1761	6.725	0.865	1.163	0.956	8104.1856	6.644	0.472	0.718	0.665
8111.1791	6.908	0.989	1.292	1.004	8108.1854	6.857	0.506	0.779	0.593
8112.1765	7.071	1.054	1.300	1.052	8109.1709	6.639	0.474	0.656	0.591
8113.1690	6.891	0.834	1.163	0.993	8109.1718	6.635	0.504	0.652	0.613
8114.1783	6.359	0.659	0.909	0.771	8110.1794	6.936	0.554	0.855	0.713
8115.1840	6.468	–	1.016	0.841	8111.1822	7.116	0.657	0.977	0.774
8116.1819	6.680	0.823	1.073	0.961	8112.1798	7.303	0.693	1.037	0.776
8117.1815	6.732	0.889	–	0.988	8113.1727	6.905	0.485	0.781	0.683
8118.1807	6.975	1.055	1.291	1.035	8114.1798	6.633	0.464	0.652	0.576
8119.1602	7.143	1.019	1.308	1.021	8116.1869	7.185	0.661	0.928	0.829
8123.1531	6.661	0.870	1.134	0.948	8117.1847	–	–	–	0.836
8127.1620	6.618	0.779	1.020	0.899	8118.1844	6.951	0.497	0.838	0.668
		YZ Sgr			8119.1589	6.625	0.433	0.642	0.571
8101.1862	7.682	0.935	1.193	0.963	8123.1560	7.087	0.545	0.823	0.743
8102.1998	7.602	0.816	1.156	0.910	8127.1657	7.280	0.770	1.017	0.842
8103.1779	7.361	0.628	1.004	0.835			UZ Sct		
8104.1798	7.100	0.557	0.945	0.779	8101.2268	11.694	–	2.064	1.755
8108.1801	7.319	0.803	1.103	0.881	8102.2274	11.574	–	2.023	1.680
8109.1656	7.450	0.899	1.177	0.909	8103.2058	11.448	–	1.931	1.656
8110.1742	7.642	0.915	1.241	0.973	8104.2178	11.365	–	1.906	1.641
8111.1772	7.666	0.905	1.207	0.955	8108.1992	10.945	–	1.806	1.542
8112.1748	7.481	0.689	1.097	0.896	8109.1919	11.053	–	1.908	1.595
8113.1671	7.254	0.582	0.989	0.827	8110.1938	11.143	–	1.871	1.594
8114.1758	7.148	0.547	0.922	0.744	8111.2068	11.261	–	1.961	1.637
8116.1769	7.085	0.574	0.938	0.839	8112.2008	11.358	–	2.051	1.659
8117.1796	7.184	0.650	–	0.851	8113.1908	11.511	–	2.043	1.757
8118.1784	7.384	0.797	1.164	0.912	8114.2091	11.577	–	2.148	1.722
8119.1621	7.578	0.874	1.217	0.935	8115.1911	11.663	–	2.084	1.710
8123.1512	7.161	0.546	0.934	0.810	8117.2154	11.543	–	2.070	1.704
8127.1593	7.268	0.760	1.105	0.896	8118.2159	11.417	–	1.949	1.654
		AP Sgr			8119.1881	11.419	–	1.894	–
8101.1925	7.177	0.661	0.895	0.836	8123.1814	11.004	–	1.812	1.590
8102.2068	7.356	0.726	1.003	0.808	8126.2077	11.301	–	1.990	1.669

Table 1 (continued)

JD hel 2440000+	V	U–B	B–V	V–R	JD hel 2440000+	V	U–B	B–V	V–R
	UZ Sct					EW Sct			
8127.1863	11.396	–	2.035	1.711	8116.2050	7.911	–	1.676	1.588
	CK Sct				8117.2215	8.088	–	1.827	1.629
8101.2404	10.382	–	1.522	1.308	8118.2194	8.157	–	1.788	1.649
8102.2486	10.465	–	1.588	1.348	8119.1945	8.097	–	1.760	1.616
8103.2165	10.582	–	1.618	1.405	8123.1870	7.879	–	1.704	1.587
8104.2298	10.699	–	1.677	1.432	8126.2143	8.053	–	1.727	1.599
8108.2121	10.357	–	1.487	1.298	8127.1907	7.629	–	1.589	1.500
8109.2048	10.455	–	1.558	1.347		V367 Sct			
8110.2034	10.501	–	1.625	1.356	8101.2107	11.873	–	1.940	1.786
8111.2162	10.652	–	1.648	1.414	8102.2307	11.653	–	1.837	1.678
8112.2071	10.772	–	1.714	1.421	8103.2086	11.286	–	1.673	1.588
8113.1990	10.825	–	1.672	1.455	8104.2207	11.465	–	1.782	1.688
8114.2178	10.576	–	1.588	1.386	8108.2025	11.631	–	1.837	1.697
8115.1987	10.381	–	1.446	1.321	8109.1955	11.559	–	1.817	1.682
8116.2059	10.437	–	1.530	1.349	8110.1961	11.511	–	1.776	1.680
8117.2229	10.518	–	1.599	1.359	8111.2085	11.445	–	1.782	1.638
8118.2205	10.632	–	1.659	1.400	8112.2018	11.503	–	1.808	1.699
8119.1953	10.773	–	1.681	1.434	8113.1937	11.710	–	1.924	1.741
8123.1945	10.379	–	1.481	1.339	8114.2113	11.823	–	1.926	1.780
8126.2166	10.678	–	1.653	1.420	8115.1930	11.623	–	1.810	1.680
8127.1925	10.777	–	1.716	1.445	8116.1999	11.283	–	1.646	1.591
	EW Sct				8117.2166	11.467	–	1.866	1.670
8101.2376	8.257	1.518	1.855	1.686	8118.2171	11.726	–	1.887	1.732
8102.2355	8.106	–	1.793	1.616	8119.1893	11.854	–	1.936	1.727
8103.2138	7.777	–	1.646	1.531	8123.1823	11.566	–	1.818	1.702
8104.2271	7.868	–	1.721	1.576	8126.2087	11.740	–	1.846	1.748
8108.2083	8.132	–	1.800	1.629	8127.1881	11.792	–	1.889	1.773
8109.2007	8.025	–	1.739	1.611		BQ Ser			
8110.2011	7.730	–	1.639	1.524	8101.2304	9.502	–	1.517	1.278
8111.2132	7.808	–	1.699	1.541	8101.2319	9.514	–	1.495	1.285
8112.2056	8.030	–	1.796	1.631	8102.2343	9.318	–	1.416	1.228
8113.1979	8.249	–	1.867	1.694	8103.2116	9.411	–	1.443	1.270
8114.2164	8.083	–	1.776	1.620	8104.2235	9.659	–	1.585	1.328
8115.1971	7.699	–	1.599	1.495	8104.2241	9.641	–	1.596	1.326

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					U Vul			
8109.1987	9.513	-	1.477	1.276	8101.1686	7.472	1.103	1.492	1.248
8110.1992	9.394	-	1.455	1.245	8102.1814	7.360	1.012	1.409	1.193
8111.2113	9.454	-	1.470	1.251	8103.1586	6.993	0.846	1.185	1.063
8112.2046	9.487	-	1.500	1.269	8104.1605	6.838	0.834	1.174	1.017
8113.1972	9.640	-	1.548	1.321	8108.1526	7.386	1.117	1.480	1.223
8114.2139	9.425	-	1.453	1.248	8109.1483	7.476	1.117	1.493	1.236
8115.1952	9.279	-	1.365	1.235	8110.1564	7.376	0.997	1.412	1.184
8116.2029	9.579	-	1.548	1.278	8111.1608	6.979	0.857	1.238	1.036
8117.2203	9.803	-	1.590	1.353	8112.1546	6.841	0.840	1.157	1.015
8118.2190	9.353	-	1.409	1.219	8114.1468	7.025	0.924	1.345	1.098
8119.1929	9.438	-	1.452	1.260	8115.2259	7.267	1.042	1.435	1.197
8123.1853	9.389	-	1.398	1.234	8116.1706	7.355	1.128	1.491	1.197
8126.2118	9.743	-	1.586	1.320	8117.1525	7.500	1.132	1.522	1.258
8127.1900	9.163	-	1.352	1.173	8118.1491	7.390	1.021	1.414	1.191
	T Vul				8119.1443	7.023	0.847	1.250	1.071
8101.1566	5.430	0.375	0.478	0.432	8123.1391	7.275	1.040	1.418	1.200
8102.1755	5.704	0.335	0.661	0.535	8127.1471	6.983	0.875	1.235	1.045
8103.1519	5.947	0.402	0.735	0.574					
8104.1540	6.073	0.415	0.789	0.603					
8108.1471	6.032	0.551	0.766	0.578					
8109.1433	5.938	0.303	0.684	0.546					
8110.1494	5.451	0.421	0.489	0.444					
8111.1552	5.715	0.410	0.669	0.524					
8112.1491	5.967	0.484	0.746	0.586					
8113.1496	6.062	0.444	0.756	0.599					
8114.1410	5.458	0.316	0.524	0.422					
8115.2201	5.616	0.478	0.594	0.499					
8116.1656	5.865	0.467	0.737	0.558					
8117.1484	6.065	0.459	0.795	0.614					
8118.1444	5.859	0.261	0.655	0.539					
8119.1376	5.510	0.341	0.547	0.455					
8123.1343	5.388	0.446	0.477	0.413					
8127.1410	5.681	0.415	0.598	0.490					

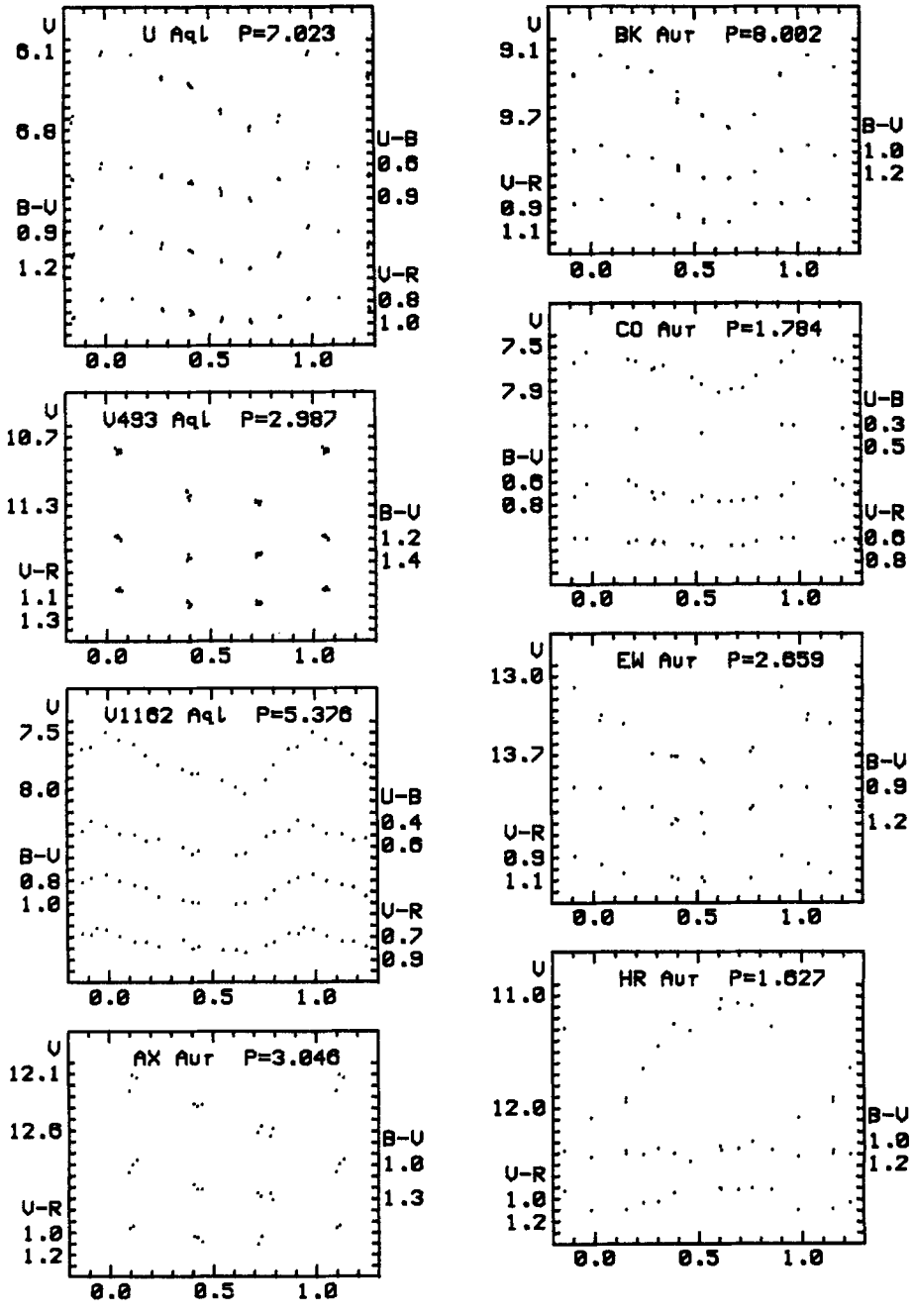

Figure 1 The light and colour curves for U Aql, V493 Aql, V1162 Aql, AX Aur, BK Aur, CO Aur, EW Aur and HR Aur.

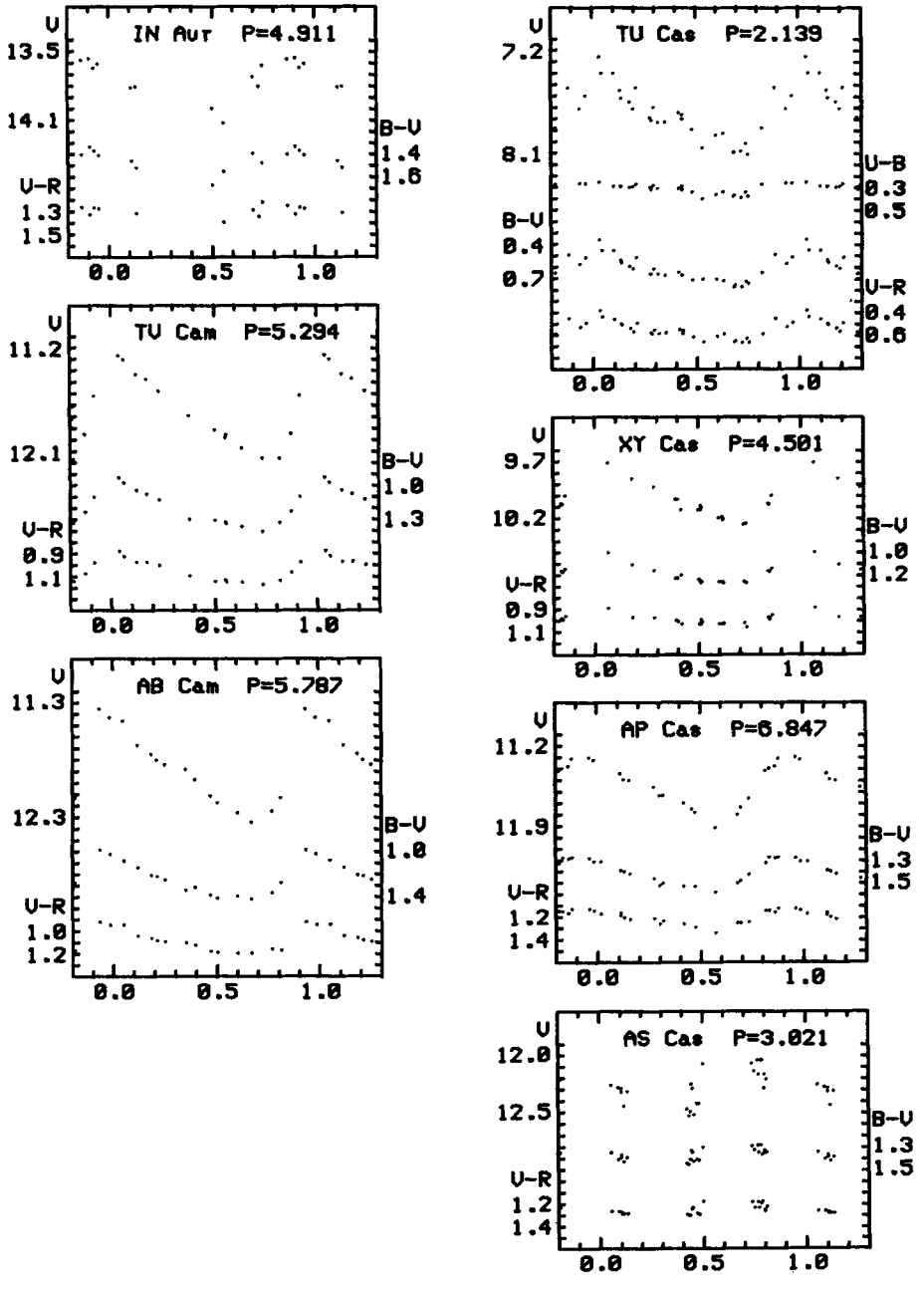

Figure 2 The light and colour curves for IN Aur, TV Cam, AB Cam, TU Cas, XY Cas, AP Cas and AS Cas.

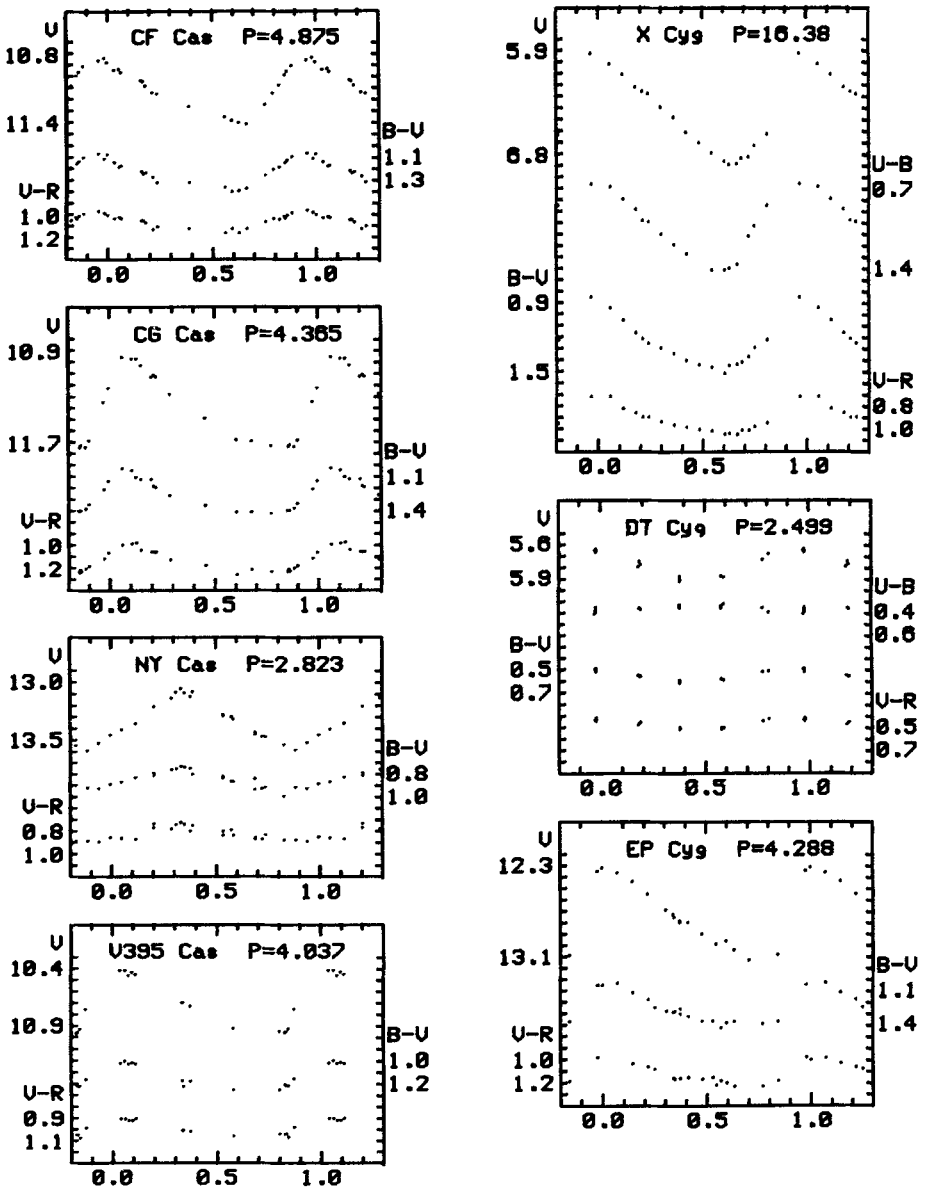

Figure 3 The light and colour curves for CF Cas, CG Cas, NY Cas, V395 Cas, X Cyg, DT Cyg and EP Cyg.

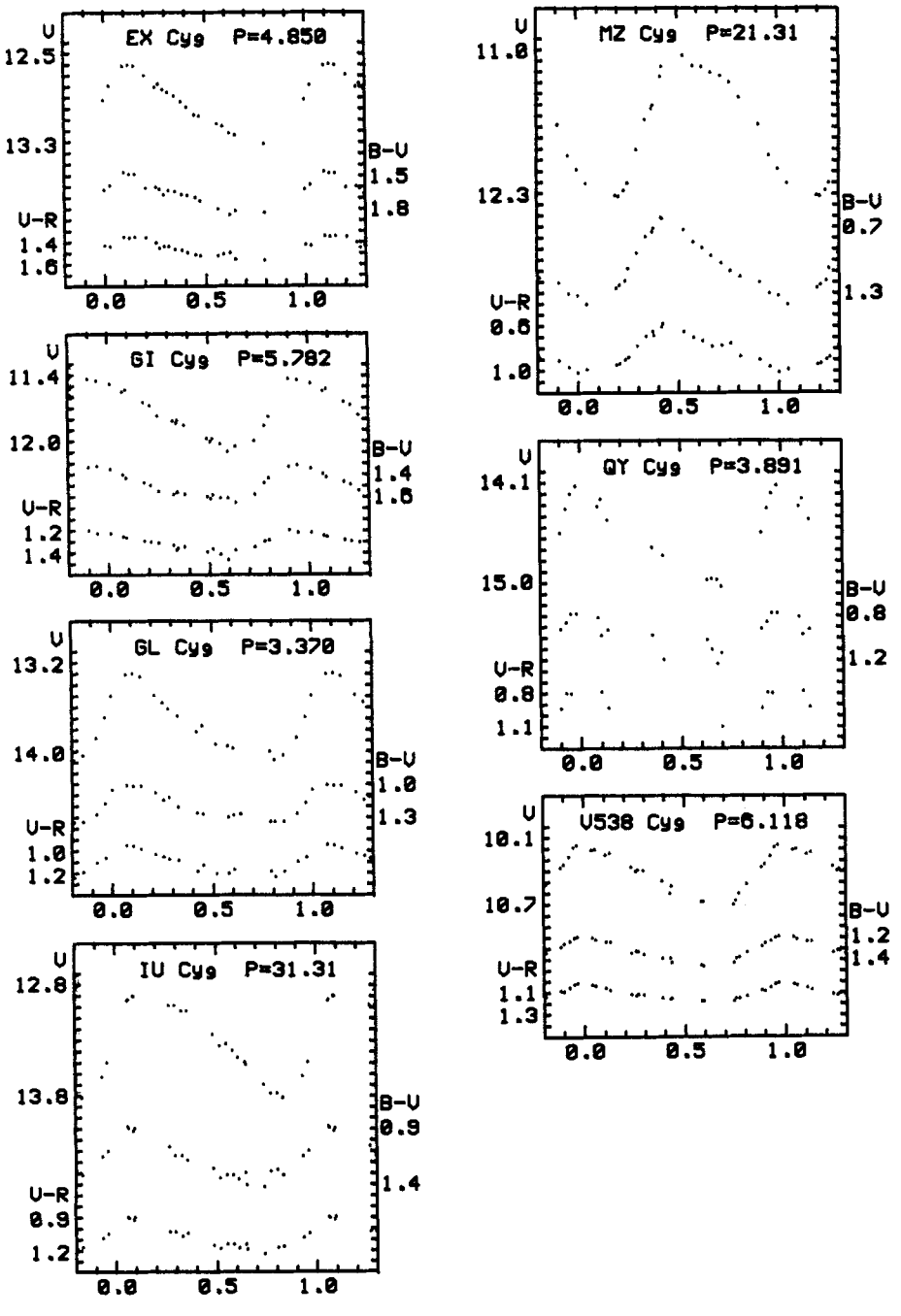

Figure 4 The light and colour curves for EX Cyg, GI Cyg, GL Cyg, IU Cyg, MZ Cyg, QY Cyg and V538 Cyg.

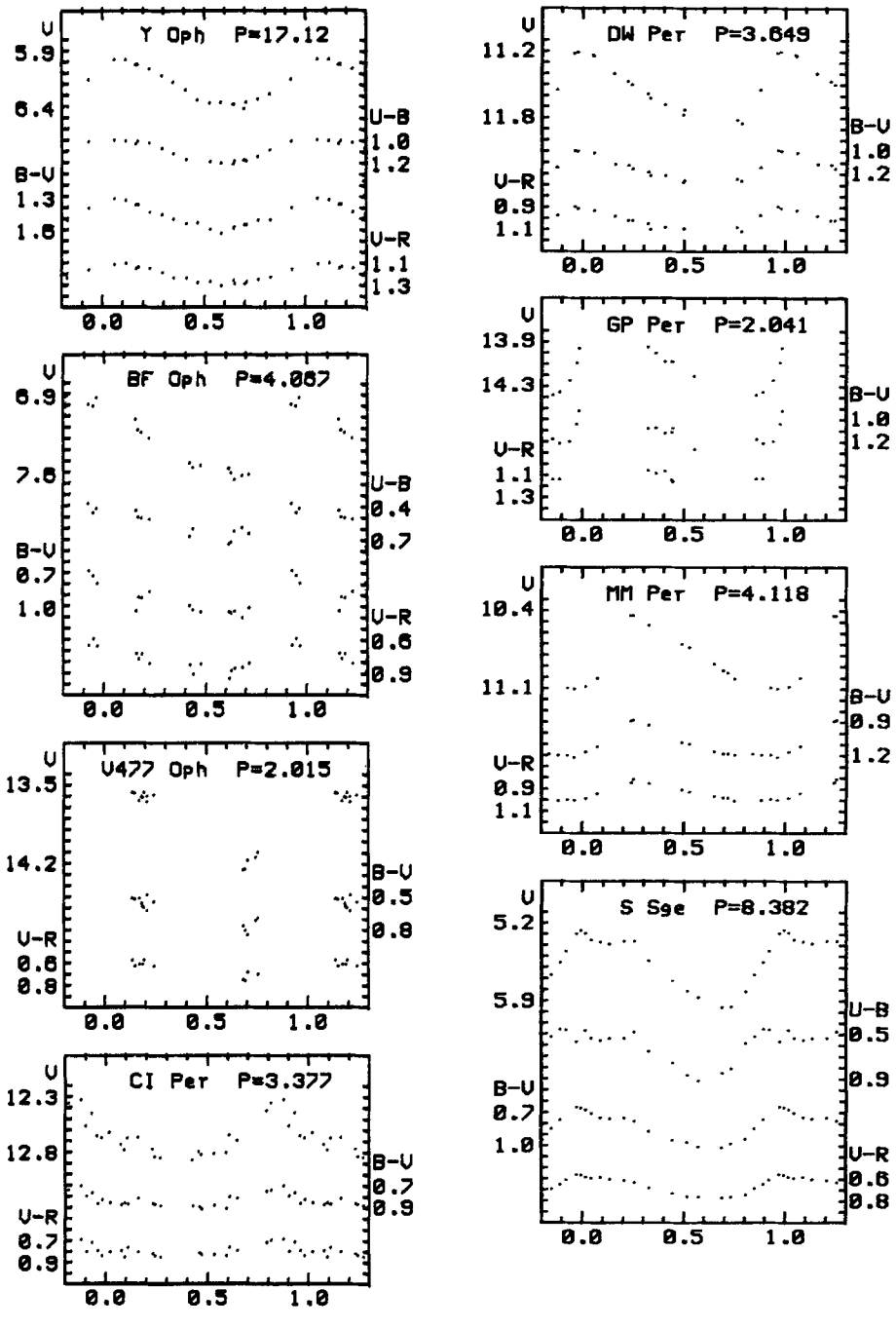

Figure 5 The light and colour curves for V547 Cyg, V1025 Cyg, BX Del, V Lac, X Lac, Z Lac, RR Lac and DF Lac.

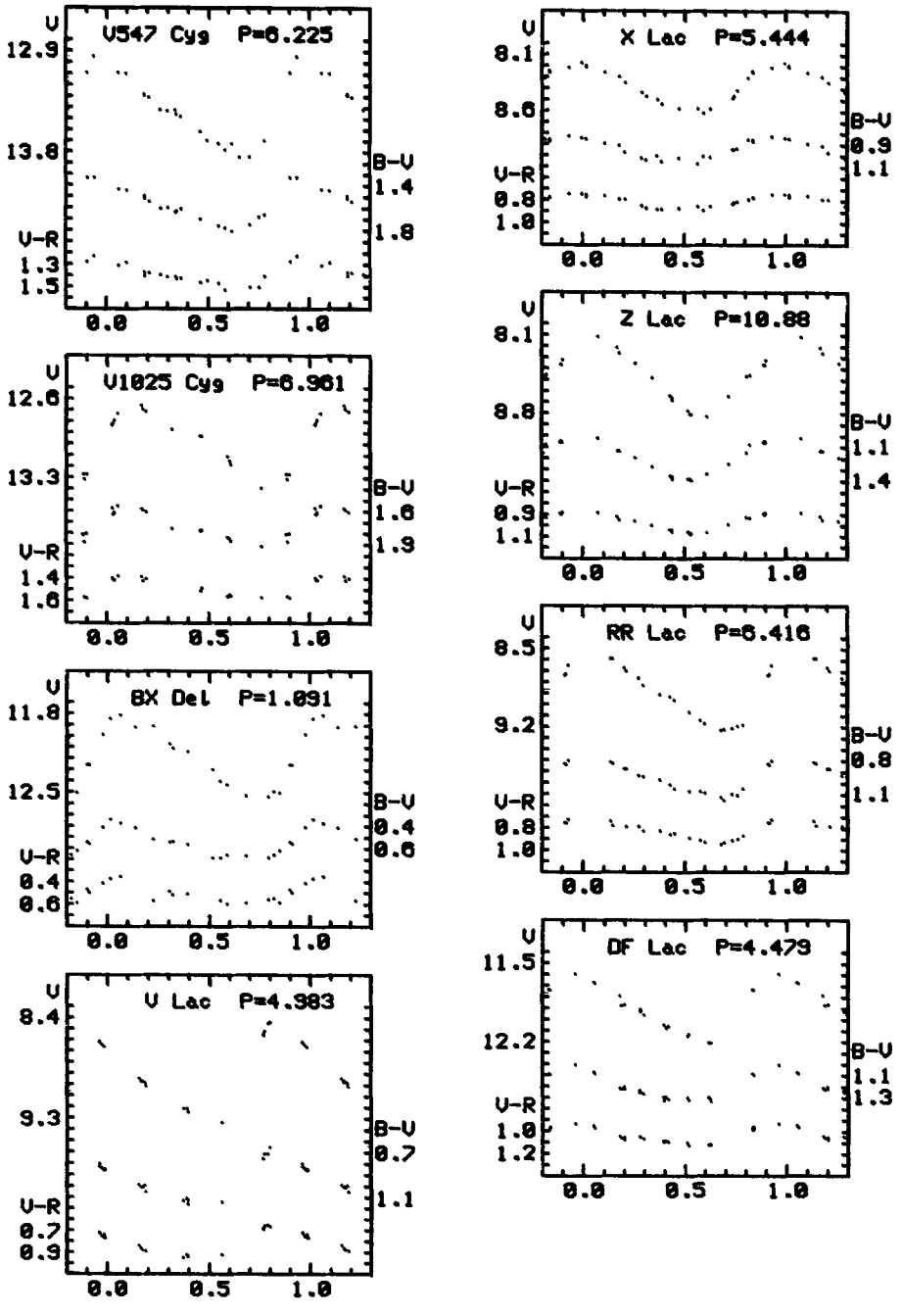

Figure 6 The light and colour curves for Y Oph, BF Oph, V477 Oph, CI Per, DW Per, GP Per, MM Per and S Sge.

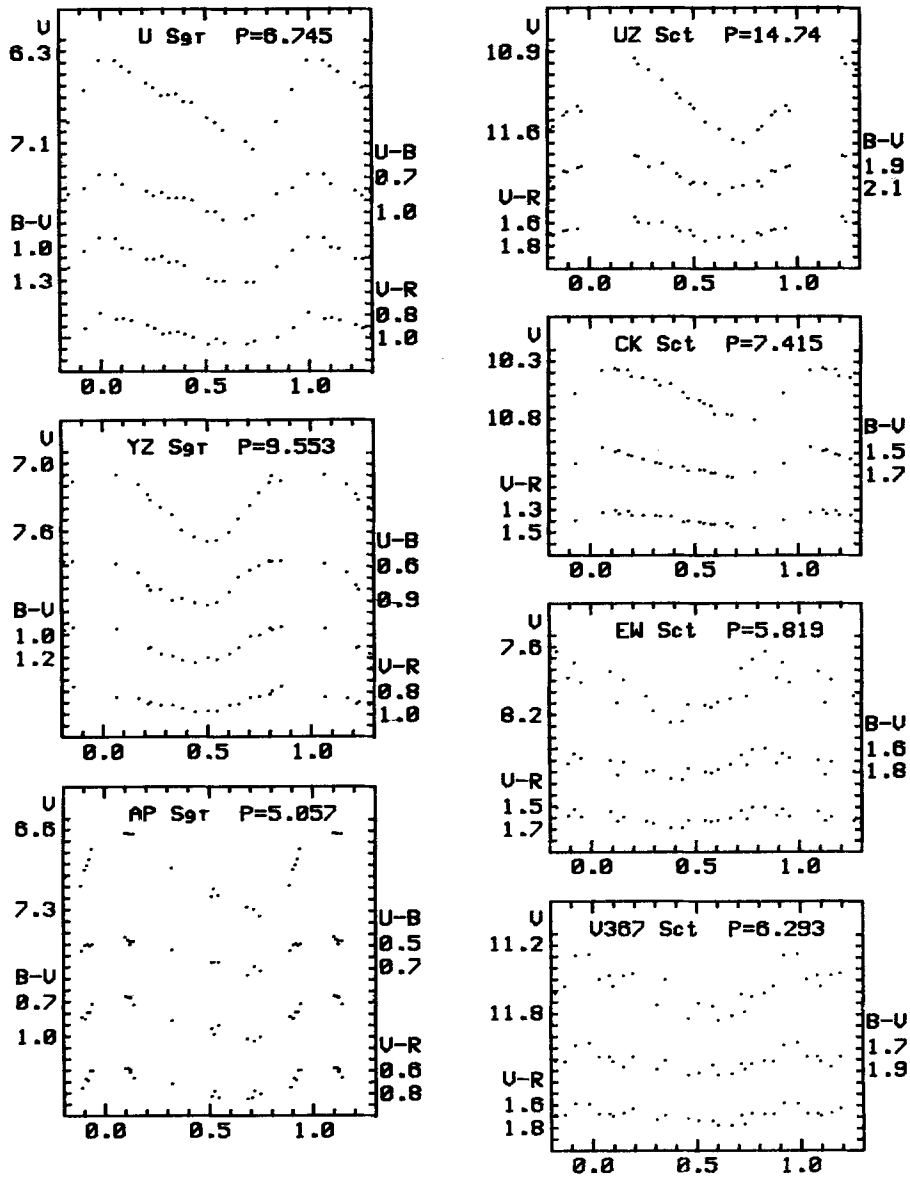

Figure 7 The light and colour curves for U Sgr, YZ Sgr, AP Sgr, UZ Sct, CK Sct, EW Sct and V367 Sct.

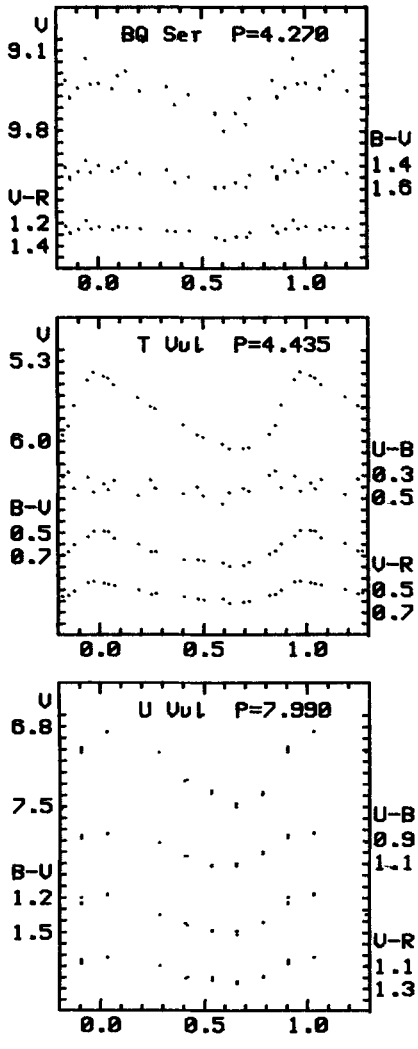

Figure 8 The light and colour curves for BQ Ser, T Vul and U Vul.