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**BVR OBSERVATIONS AND NEW ELEMENTS  
FOR THE CEPHEID FT Mon**

Photoelectric observations of the Cepheid FT Mon were carried out in autumn 1987 and 1992. The 60-cm reflector of Mt. Maidanak Observatory of the Tashkent Astronomical Institute was used and 34 BVR measurements were obtained.

The observations are listed in Table 1. The estimated error of the individual data is about  $\pm 0.015$  mag. These observations together with other published ones (Berdnikov, 1992; Eggen, 1969) allow to improve the period:  $3^d 421740 \pm 0^d 000011$ . The new elements

$$\text{Max} = \text{JD hel } 2448516.5 + 3.421740 \times E$$

have been used for phase calculation in Table 1 and for plotting the light and colour curves in Figure 1, where open circles indicate Eggen's observations.

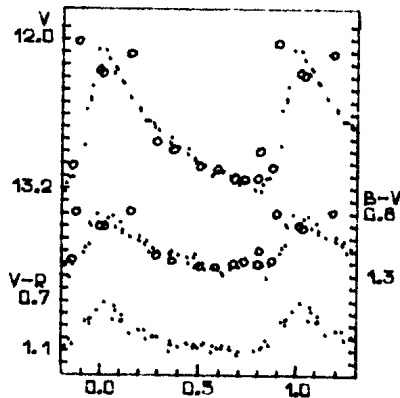


Figure 1

Table 1

JD Hel 2400000+	Phase	V	B-V	V-R
47082.5190	0.920	12.559	1.069	0.860
47083.4796	0.201	12.576	0.981	0.934
47084.4127	0.473	12.966	1.153	1.075
47085.4589	0.779	13.210	1.197	1.100
47087.4479	0.360	12.783	1.106	1.022
47088.4431	0.651	13.101	1.196	1.096
48858.4689	0.940	12.467	1.045	0.848
48860.4806	0.527	13.016	1.252	1.033
48862.4716	0.109	12.346	0.961	0.813
48870.4487	0.441	12.930	1.154	1.039
48872.4356	0.021	12.090	0.889	0.711
48872.4911	0.038	12.162	0.837	-
48874.4509	0.610	13.068	1.278	1.083
48874.4674	0.615	13.057	1.298	1.053
48875.4792	0.911	12.850	1.116	-
48876.4710	0.201	12.555	1.023	0.935
48877.4340	0.482	12.995	1.123	1.054
48877.4770	0.495	12.995	1.217	1.078
48879.4518	0.072	12.226	-	0.739
48879.4723	0.078	12.242	0.915	0.779
48880.4358	0.359	12.849	1.137	1.044
48880.4577	0.366	12.869	1.101	1.053
48881.4456	0.654	13.125	1.223	1.096
48882.4492	0.948	12.376	0.901	0.841
48883.4439	0.238	12.653	1.018	1.013
48883.4874	0.251	12.658	1.110	-
48885.4358	0.821	13.161	1.216	1.066
48885.4936	0.838	13.115	1.322	1.013
48886.4314	0.112	12.354	0.931	0.861
48888.4341	0.697	13.167	1.226	1.103
48890.4272	0.279	12.707	1.102	0.984
48890.4921	0.298	12.731	1.103	0.988
48891.4237	0.571	13.077	1.235	1.057
48891.4956	0.592	13.059	1.253	1.082

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