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**PHOTOELECTRIC BVR_c OBSERVATIONS
 FOR THE UU Her STAR EV AURIGAE**

EV Aur is classified in GCVS-IV as a classical Cepheid with a period of 2.659562 days. We observed this star photoelectrically in 1985 for 18 nights (JD 2446285–304) and revealed no changes in brightness (Berdnikov, 1986) with this period. Schmidt et al. (1995) observed EV Aur with CCD and suspected that EV Aur was an UU Her star with the elements

$$\text{Max } JD_{hel} = 2448578.4 + 55 \times E.$$

To examine these elements, we observed the star at Mt. Maidanak Observatory (Uzbekistan) in September 1996 using the 0.6-m reflector. A total of 7 BVR_c measurements were obtained, the accuracy of the individual data being near $\pm 0^m.01$ in all filters. These data as well as the observations taken in 1985 are listed in Table 1 and presented graphically in Figure 1.

In Figure 2 our data (dots) are represented together with observations published by Schmidt et al. (circles). Both offset in phase and difference in shape of our light curve with respect to data of Schmidt et al. confirm their conclusion: most likely, EV Aur is an UU Her star.

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Table 1

JD_{hel} 2400000+	V	$B - V$	$V - R_c$	JD_{hel} 2400000+	V	$B - V$	$V - R_c$
46285.4679	12.332	1.825	1.804	46300.4131	12.340	1.874	1.872
46287.4309	12.312	1.878	1.874	46301.4440	12.376	1.882	1.883
46288.4651	12.339	1.897	1.865	46302.4394	12.322	1.894	1.861
46289.4575	12.334	1.888	1.881	46303.4260	12.348	1.882	1.877
46290.4737	12.371	1.884	1.863	46304.4299	12.350	1.901	1.877
46291.4493	12.352	1.891	1.874	50332.4182	11.969	1.905	1.861
46293.4239	12.392	1.846	1.887	50333.4364	12.020	1.824	1.894
46294.4275	12.349	1.900	1.877	50337.4098	12.123	1.898	1.845
46295.4174	12.354	1.859	1.875	50340.4035	12.181	1.824	1.873
46296.4236	12.364	1.826	1.889	50341.4071	12.214	1.834	1.866
46297.4358	12.340	1.867	1.879	50344.4182	12.267	1.881	1.934
46298.4417	12.299	1.905	1.848	50347.4176	12.280	1.820	1.882
46299.4126	12.366	1.852	1.875				

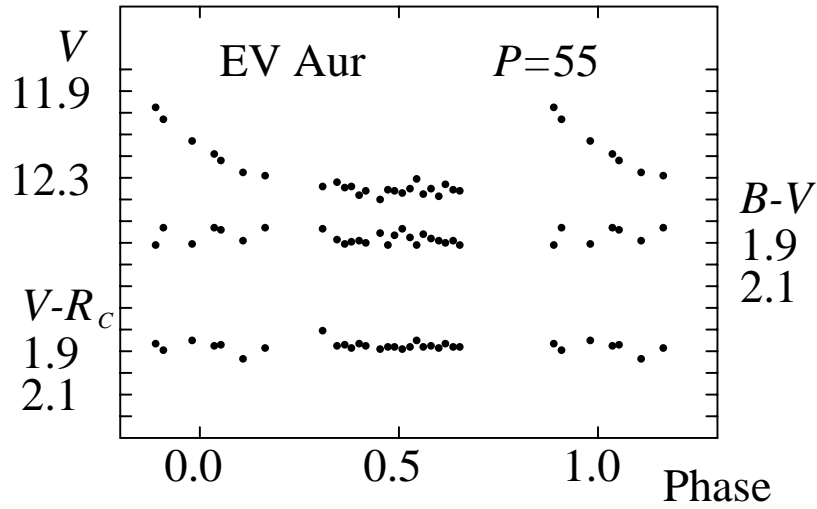


Figure 1

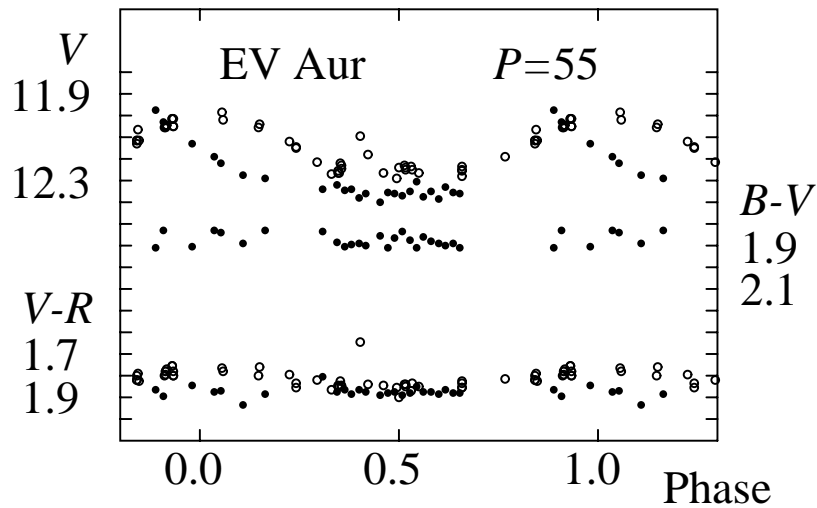


Figure 2

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