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PHOTOELECTRIC OBSERVATIONS OF V 711 TAURI

According to the request expressed in IAU Circ. No 3089 the star V 711 Tau = HR 1099 was observed in Cracow Astronomical Observatory "Fort Skała".

All observations were made by M.S. using 50 cm Cassegrain telescope ($f=667$ cm) with the photomultiplier EMI 9789 QB with filters: Schott GG11 and GG13+BG12, and calculations were made by P.F. The star 10 Tau=HD 22484 served as a comparison star, 12 Tau=HD 22796 and HD 22819 as check stars.

Our observations corrected for differential extinction by using mean coefficients ($A_B=0.55$, $A_V=0.4$) are given in the Table.

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J.D. hel. 2440000+	ΔV	J.D. hel. 2440000+	ΔV
3424 ^d .4680	1 ^m .591	3426 ^d .4803	1 ^m .660
.4718	1.579	.4867	1.671
.4779	1.594	.4893	1.665
.4862	1.606	.4924	1.669
.4893	1.591	.4973	1.674
.4923	1.574	.5008	1.674
.4952	1.597	.5203	1.684
.5046	1.585	.5225	1.714
.5081	1.551	.5245	1.687
.5200	1.584	.5263	1.695
3425.4975	1.569	.5363	1.682
.5000	1.641	.5385	1.670
.5034	1.644	.5633	1.640
.5060	1.608	.5662	1.654
.5125	1.673	.5680	1.657
.5143	1.655	.5704	1.640
.5164	1.663	.5725	1.657
.5192	1.606	.5746	1.672
.5218	1.633	3433.4571	1.628
.5241	1.627	.4596	1.621
.5263	1.669	.4620	1.630
.5338	1.675	.4644	1.612
.5364	1.650	.4663	1.624
.5390	1.604	.4738	1.608
.5436	1.622	.4804	1.592
.5462	1.643	.4842	1.578
.5484	1.621	.4871	1.606
.5555	1.645	.4892	1.576
.5623	1.621	.4929	1.618
.5671	1.627	.4989	1.618
.5695	1.627	.5012	1.631
.5791	1.626	.5035	1.627
.5832	1.650	.5057	1.615
.5858	1.645	.5099	1.616
.5881	1.645	.5123	1.655
.5905	1.641	.5154	1.640
.5928	1.648	.5242	1.627
.5987	1.647	.5270	1.681
.6019	1.642	.5297	1.667
.6048	1.650	.5376	1.662
.6071	1.661	.5403	1.594
.6138	1.654	.5432	1.608
.6168	1.666	.5462	1.597
3426.4492	1.687	.5498	1.607
.4514	1.645	.5526	1.610
.4530	1.658	.5634	1.589
.4548	1.665	.5666	1.604
.4568	1.663	.5745	1.595
.4588	1.679	.5771	1.626
.4666	1.673		
.4690	1.666		
.4715	1.656		
.4733	1.665		
.4756	1.641		
.4780	1.672		

J.D. hel. 2440000+	ΔB	J.D. hel. 2440000+	ΔB
3424 ^d .4685	1 ^m .982	3426 ^d .4775	2 ^m .024
.4773	1.962	.4798	2.036
.4867	1.978	.4870	2.039
.4887	1.950	.4899	2.027
.4956	1.990	.4980	2.026
.5041	1.962	.5012	2.036
.5077	1.938	.5199	2.081
.5102	1.972	.5223	2.057
.5191	1.948	.5242	2.076
3425.4807	1.935	.5261	2.081
.4855	2.009	.5295	2.030
.4936	2.035	.5366	2.024
.4967	1.969	.5388	2.052
.4994	1.981	.5637	2.065
.5031	2.011	.5665	2.040
.5057	1.979	.5684	2.057
.5133	2.036	.5709	2.077
.5147	2.029	.5729	2.048
.5167	2.040	3433.4576	1.985
.5197	1.987	.4601	1.986
.5222	2.005	.4623	2.000
.5244	1.998	.4647	1.959
.5269	1.998	.4666	1.966
.5332	2.056	.4740	1.985
.5358	1.986	.4807	1.969
.5384	1.985	.4838	1.938
.5432	1.990	.4866	1.977
.5458	2.012	.4888	1.964
.5480	2.008	.4925	2.001
.5560	2.005	.4993	1.988
.5618	1.986	.5014	1.966
.5676	1.981	.5036	1.966
.5700	2.008	.5060	1.982
.5787	2.016	.5104	1.997
.5828	2.025	.5165	2.000
.5856	2.005	.5237	1.951
.5877	2.021	.5263	2.014
.5900	2.014	.5292	1.979
.5923	2.023	.5380	1.983
.5992	2.005	.5408	1.955
.6023	2.021	.5436	1.985
.6051	2.012	.5467	1.971
.6075	2.018	.5505	1.970
.6163	2.004	.5529	1.979
3426.4495	2.019	.5628	1.979
.4516	1.980	.5654	1.923
.4534	2.019	.5696	1.980
.4551	2.012	.5732	1.998
.4572	1.999	.5765	1.989
.4592	1.991		
.4661	2.016		
.4685	2.016		
.4711	2.027		
.4732	2.011		
.4754	2.031		