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PHOTOELECTRIC OBSERVATIONS OF γ Cas, X Per AND BU Tau

The three variable stars have been observed in the UBV bands with a 250/3250 Cassegrain telescope and a 1P21 PMT. These observations are the continuation of those published in IBVS No. 2893.

γ Cas

Comparison star: Alpha Cas (HD 3712),
 (V=2.23, B-V=+1.17)

Check star : Eta Cas (HD 4614),
 (V=3.44, B-V=+0.57)

Hel.J.D. 2440000+	V	Hel.J.D. 2440000+	V
6714.279	2.22	7071.317	2.10
6716.304	2.20	7079.313	2.16
6728.317	2.21	7083.263	2.23
6762.217	2.16	7095.242	2.27
6766.225	2.22	7096.229	2.25
6770.388	2.23	7107.225	2.21
7070.308	2.23	7170.250	2.19

X Per

Comparison Star: HD 24167,
 (V=6.25, B-V=+0.20, U-B=+0.14)

Hel.J.D. 2440000+	V	B-V	U-B
6705.363	6.62	+0.08	-0.72
6709.365	6.60	+0.10	-0.72
6714.338	6.56	+0.09	-0.69
6716.321	6.58		
6728.305	6.57	+0.11	-0.72
6731.308	6.59	+0.11	
6766.238	6.45	+0.08	-0.58
6768.179	6.52	+0.01	-0.52
6770.182	6.52	0.00	-0.32
7083.288	6.42	-0.02	
7095.279	6.36	+0.15	-0.83
7096.271	6.36	+0.19	-0.79

Hel.J.D. 2440000+	V	B-V	U-B
7115.238	6.29	+0.21	-0.68
7129.225	6.31		
7140.229	6.32	+0.18	-0.79
7170.275	6.30	+0.03	-0.66
7172.271	6.30	+0.11	-0.69
7174.345	6.25	+0.11	-0.72
7180.292	6.32	+0.01	-0.61
7203.292	6.32	+0.04	-0.65
7230.271	6.30	+0.10	-0.61

BU Tau

Comparison star: 16 Tau (HD 23280),

(V=5.46, B-V=-0.04, U-B=-0.31)

Check star : 19 Tau (HD 23338),

(V=5.65, B-V=-0.07, U-B=-0.36)

Hel.J.D. 2440000+	V	B-V
6705.396	5.13	-0.03
6709.375	5.14	-0.04
6714.358	5.17	-0.12
6728.300	5.08	-0.08
6731.313	5.15	-0.13
6746.321	5.14	
6762.183	5.23	-0.09
6763.267	5.06	-0.01
6766.179	5.14	-0.12
6768.171	5.18	-0.11
6770.233	5.09	-0.07
7083.279	5.09	0.00
7095.250	5.15	+0.03
7096.271	5.12	0.00
7129.238	5.06	
7140.200	5.08	-0.02
7170.275	5.11	-0.15
7172.250	5.06	-0.02
7174.313	5.12	-0.13
7180.283	5.06	-0.08
7203.250	5.09	-0.08
7230.292	5.02	-0.06

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