

COMMISSION 27 OF THE I. A. U
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 202

Konkoly Observatory
 Budapest
 23 May 1967

Veröffentlichungen der Remeis-Sternwarte Bamberg
 Astronomisches Institut der Universität Erlangen-Nürnberg
 Band VI, Nr. 50

ELEMENTS FOR FOUR BAMBERG VARIABLES

BV 495 = CoD -31° 6443(9^m.5) = HD 74 352 (A3)

Min = JD 242 7844.475 + 1^d.123 745 . E

Minima	E	O - C
242 7844.541(S)	0	+0.066
8807.600(S)	857	+0.076
8813.605(S)	862.5	-0.100
8849.579(S)	894.5	-0.086
8875.462(S)	917.5	-0.049
8880.535(S)	922	-0.033
8893.443(S)	933.5	-0.048
498(S)	933.5	+0.007
8912.595(S)	950.5	0.000
243 4544.251(S)	5962	+0.008
8406.502	9399	-0.052
8467.250	9453	+0.014
.295(1/2)	9453	+0.059
8472.288(3/4)	9457.5	-0.005
8499.221(1/2)	9481.5	-0.042
8503.217	9485	+0.021
8796.422(1/2)	9746	-0.072
8813.360	9761	+0.010
8822.356	9769	+0.016
8844.293(1/2)	9788.5	+0.040
9181.375(1/2)	10088.5	-0.001

Ampl. 0^m.45, with a deep (3/4) secondary minimum, EB or EA

BV 505 = CoD -32°8937(9^m3) = CAP -32°3303(9^m8); b = +29°
 Max = JD 242 7892.550 + 5^d.210 35 . E

Maxima	E	O - C
242 7892.457(S)	0	-0.093
7923.339(S)	6	-0.473
8330.249(S)	84	+0.030
.322(S)	84	+0.103
8336.316(S)	85	+0.886
8357.271(S)	89	+1.000
243 8204.230	1979	+0.397
8443.531	2025	+0.022
8474.463	2031	-0.308
8490.405	2034	+0.003
8500.396	2036	-0.427
8521.340	2040	-0.324
8547.287	2045	-0.429
8818.537	2097	-0.117
8855.414	2104	+0.288
8880.372	2109	-0.806
8902.303	2113	+0.283
8933.214	2119	-0.068
9230.410	2176	+0.138
9235.365	2177	-0.117
9240.367	2178	-0.325
9261.309	2182	-0.225
9287.216	2187	-0.369

Ampl. 0^m90, minimum by phase 0.5, therefore also EB possible

BV 574 = CoD -44°10742(9.6) = HD 146 241 (Ao)
 Min = JD 243 8236.315 + 0^d.635 79 . E

Minima	E	O - C
243 8223.308(1/2)	-20.5	+0.027
8230.265(3/4)	-9.5	-0.010
8236.273(3/4)	0	-0.042
8471.582(3/4)	370	+0.025
8499.533	414	+0.001
8521.474(3/4)	448.5	+0.007
8528.424(1/2)	459.5	-0.036
8529.424	461	+0.010
8551.376(1/2)	495.5	+0.027
8557.374(3/4)	505	-0.015

Minima	E	O - C
243 8580.290	541	+0.013
8586.293(1/2)	550.5	-0.024
8587.296	552	+0.025
8608.208(1/2)	585	-0.044
8615.211(3/4)	596	-0.035
8616.212(3/4)	597.5	+0.012
8855.555	974	-0.019
8877.491(1/2)	1008.5	-0.018
8884.454(1/4)	1019.5	-0.051
8885.452	1021	-0.004
8906.391(1/4)	1054	-0.047
8914.392(3/4)	1066.5	+0.007
8915.394(1/2)	1068	+0.055
8935.314(1/4)	1099.5	-0.052
8943.288	1112	-0.025
8964.265(3/4)	1145	-0.029
8965.246(3/4)	1146.5	-0.002
8966.260(1/2)	1148	+0.058
9265.404(1/4)	1618.5	+0.063
9270.398(1/2)	1626.5	+0.029
9271.392	1628	+0.011
9293.343(1/2)	1662.5	+0.027
9299.347	1672	-0.009
9300.322(1/2)	1673.5	+0.012
9314.303(1/2)	1695.5	+0.006
9315.301(1/4)	1697	+0.050
9342.219(1/4)	1739.5	-0.053
9343.219	1741	-0.006

Ampl. $0^m.55$, with a very deep (3/4) secondary minimum, EB or EW

BV 574 : extreme high maxima

about the phase 0.25

243 8205.333
8233.262
8254.226
8505.485
8605.254
8917.361
8933.354
8940.312
9319.263

about the phase 0.75

243 8204.327
8248.215
8502.526
8562.334
8604.253
8606.225
8613.209
8911.384
8932.350
9318.271

BV 805 = CoD -37°3645(8^m.8) = HD 60 099(B9)

Min = JD 242 8789.650 + 1.^d468 565 . E

Minima	E	O - C
242 8778.653(S, 1/4)	-7.5	+0.017
8789.640(S)	0	-0.010
8806.599(S, 1/4)	11.5	+0.061
8814.579(S, 3/4)	17	-0.037
607(S)	17	-0.009
8845.513(S)	38	+0.058
541(S, 3/4)	38	+0.096
8892.420(S)	70	-0.030
8895.362(S)	72	-0.025
2434255.624(S)	3722	-0.025
4323.383(S)	3768	+0.180
4336.422(S)	3777	+0.002
4361.350(S)	3794	-0.036
4399.533(S)	3820	-0.035
4483.268(S)	3877	-0.008
311(S)	3877	+0.035
8354.527(1/4)	6513	+0.113
8379.453(1/2)	6530	+0.074
8443.310(1/4)	6573.5	+0.048
8816.291(1/4)	6827.5	+0.013
8819.268(1/4)	6829.5	+0.053
9125.422	7038	+0.012
9139.378(1/4)	7047.5	+0.016
9150.378	7055	+0.002
9175.288(1/2)	7072	-0.054
9420.544(3/4)	7239	-0.048
9442.542(1/2)	7254	-0.078
9445.540	7256	-0.018
9451.513(1/2)	7260	+0.081

Ampl. 0.^m95, with a weak (1/4) secondary minimum, EA or EB

(S) = Sonneberg (Miss H. GESSNER)

Remeis Observatory Bamberg, 1967 May 20

W. STROHMEIER