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Veröffentlichungen der Remeis-Sternwarte Bamberg  
 Astronomisches Institut der Universität Erlangen-Nürnberg  
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ELEMENTS FOR BAMBERG VARIABLES

BV 453 = CoD  $-33^{\circ}1755(9^m0)$  = CAP  $-33^{\circ}506(9^m0)$ ; Cape: Fo

Min = JD 242 8782<sup>d</sup>.590 + 0<sup>d</sup>.634 196 . E

	<u>M i n i m a</u>	E	O - C
	242 8782.595 (S)	0	+0.005
	8789.566 (S)	11	0.000
	8817.464 (S)	55	-0.007
	8844.421 (S)	97.5	-0.003
	8918.293 (S)	214	-0.015
243	4272.534 (S)	8656.5	+0.026
	4478.266 (S)	8981	-0.036
	8314.549	15030	-0.007
	8349.433	15085	-0.004
	8377.335	15129	-0.006
	8384.321	15140	+0.004
	8398.280	15162	+0.010
	8708.439 (1/2)	15651	+0.047
	8760.331 (1/2)	15733	-0.065
	9436.444	16799	-0.005
Harvard			
minima	243 0367.451	2499	+0.005
	0240.624	2299	+0.017
242	6277.517	- 3950	+0.001
	5561.489	- 5079	-0.019
	5500.611	- 5175	-0.015

- 2 -

Harvard minima		E	O - C
242	4498.632	- 6755	+0.036
	1160.834	-12018	+0.012
241	6316.877	-19656	+0.044
	6006.817	-20145	+0.105

The Harvard minima are very accurate.

Ampl.  $0^m.45$ , with deep secondary minimum, EW

BV 556 = BD  $-16^o4888(8^m3)$  = HD 170 097(Bo)

Min = JD 242 6916.650 +  $5^d.025\ 65$  . E

<u>M i n i m a</u>	E	O - C
242 6843.560 (S)	-14.5	-0.218
6916.406 (S)	0	-0.244
.522	0	-0.128
7625.429 (S)	141	+0.162
7959.502 (S)	207.5	+0.034
8007.412 (S)	217	+0.196
8341.444 (S)	283.5	+0.022
9022.565 (S)	419	+0.168
9080.442 (S)	430.5	+0.250
9786.473 (S)	571	+0.177
9839.431 (S)	581.5	+0.366
243 0178.477 (S)	649	+0.180
1238.519 (S)	661	-0.085
8505.574	2306	-0.225
8561.421 (1/2)	2317	+0.340
8639.219 (1/2)	2332.5	+0.240
8943.379 (3/4)	2393	+0.349
9269.496 (3/4)	2458	-0.202

Ampl.  $0^m.50$ , secondary minimum nearly as deep as primary minimum, EB

BV 584 = CoD - 35<sup>o</sup>12429 (7<sup>m</sup>5) = HD 167 231 (Ao)

Min = JD 243 8233.325 + 1<sup>d</sup>.086 970 . E

<u>M i n i m a</u>	E	O - C
242 8667.527 (S)	-8800.5	+0.081
243 4517.502 (S)	-3418.5	-0.016
4566.434 (S)	-3373.5	+0.002
8233.310	0	-0.015
8234.360 (3/4)	1	-0.052
8252.269 (1/2)	17.5	-0.078
8257.267	22	+0.029
8258.267	23	-0.058
8264.225 (3/4)	28.5	-0.079
8504.572	249.	+0.048
8505.574	250.	-0.037
8528.513	271.	+0.076
8529.515	272.	-0.009
8530.508 (1/2)	273.5	-0.103
8560.419 (1/2)	301	-0.084
8578.377 (3/4)	317.5	-0.061
8583.381	322	+0.052
8584.381	323	-0.035
8607.299	344	+0.056
8608.298	345	-0.032
8620.271	356	-0.015
8621.292 (3/4)	357	-0.081
8633.262	368	-0.068
8638.219 (3/4)	372.5	-0.002
8971.316	679	-0.062
8994.229	700	+0.025
9320.362 (1/2)	1000	+0.067
9357.254 (3/4)	1034	+0.002
9707.275	1356	+0.019

Ampl. 0<sup>m</sup>.40, with a very deep (3/4) secondary minimum,  
EW or EB

BV 610 = CoD -30°4030 (7<sup>m</sup>3) = HD 55 173 (B3)

Min = JD 242 8847.465 + 1<sup>d</sup>.213 375 . E

<u>M i n i m a</u>	E	O - C
242 8847.482 (S)	0	+0.017
243 4298.524 (S)	4492.5	-0.028
4476.309 (S)	4639	-0.003
4510.267 (S)	4667	-0.019
8358.507 (1/2)	7838.5	+0.002
8386.456 (1/2)	7861.5	+0.044
8400.416	7873	+0.050
8406.417	7878	-0.006
8428.327	7896	+0.053
8462.253	7924	+0.005
8708.575	8127	+0.011
8739.509	8152.5	+0.004
8798.326	8201	-0.027
8812.274 (1/2)	8212.5	-0.033
8815.273 (1/2)	8215	-0.068
8820.267 (1/2)	8219	+0.073
9125.422	8470.5	+0.064
9139.378	8482	+0.066
9167.324 (1/2)	8505	+0.105
9168.330 (1/2)	8506	-0.103
9176.282	8512.5	-0.038
9450.519	8738.5	-0.023

Ampl. 0<sup>m</sup>.35, with very deep(3/4) secondary minimum, EW or EB

(S) = Sonneberg, H.GESSNER

Remeis Observatory  
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W.STROHMEIER