

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

NUMBER 208

Konkoly Observatory
 Budapest
 27 June 1967

Veröffentlichungen der Reimis-Sternwarte Bamberg
 Astronomisches Institut der Universität Erlangen-Nürnberg
 Band VII, Nr. 52

ELEMENTS FOR 4 BAMBERG VARIABLES

BV 448 = CoD -40°9496(6^h.2) = HD 135 876(B8)

Min = JD 243 4532.325 + 2^d164 175 . E

| Minima | E | O - C |
|-----------------|--------|--------|
| 243 4532.290(S) | 0 | -0.035 |
| 8196.330 | 1693 | +0.057 |
| 8199.312(1/4) | 1964.5 | -0.208 |
| 8475.553(1/2) | 1822 | +0.101 |
| 8499.488(1/4) | 1833 | +0.230 |
| 8501.482 | 1834 | +0.060 |
| 8504.482(1/4) | 1835.5 | -0.186 |
| 8528.380(1/2) | 1846.5 | -0.094 |
| 8530.380(1/4) | 1847.5 | -0.258 |
| 8553.329 | 1858 | -0.033 |
| 8555.376(1/2) | 1859 | +0.150 |
| 8580.245(1/2) | 1870.5 | -0.169 |
| 8590.249(1/2) | 1875 | +0.096 |
| 8603.212 | 1881 | +0.074 |
| 8884.407(3/4) | 2011 | -0.074 |
| 8911.340(1/2) | 2023.5 | -0.193 |
| 8934.302 | 2034 | +0.045 |
| 9291.299 | 2199 | -0.047 |
| 9315.258(1/2) | 2210 | +0.106 |
| 9318.226(1/4) | 2211.5 | -0.172 |

Ampl. 0^m.55, with a deep (2/3) secondary minimum, EB

(S) = Sonneberg, Miss H. GESSNER: For BV 448 only one certain minimum could be found because estimation of bright stars is difficult.

Extreme High Maxima

| about phase 0. 25 | about phase 0. 75 |
|-------------------|-------------------|
| 243 8471. 538 | 243 8202. 290 |
| 8521. 429 | 8494. 492 |
| 8584. 246 | 8520. 431 |
| 8915. 349 | 8877. 446 |
| 9259. 406 | 8916. 345 |
| 9322. 215 | 9232. 482 |
| | 9321. 215 |

BV 744 = CAP $-57^{\circ}6757(9^m.4)$ = HD 129 091(Ao)
 (in IBVS 115, 1965 erroneously published as CAP
 $-57^{\circ}6758(8^m.2)$)

$$\text{Min} = \text{JD } 243\ 8195.225 + 3^d 0872 . E$$

| Minima | E | O - C |
|--------------------|-----|---------|
| 243 8195. 312(1/2) | 0 | +0. 087 |
| 8229. 216 | 11 | +0. 032 |
| 8519. 387 | 105 | +0. 006 |
| 8553. 285 | 116 | -0. 055 |
| . 329 | 116 | -0. 011 |
| 8556. 285(1/4) | 117 | -0. 142 |
| . 329(1/2) | 117 | -0. 098 |
| 8581. 201(3/4) | 125 | +0. 076 |
| 8584. 202 | 126 | -0. 010 |
| . 246 | 126 | +0. 034 |
| 8587. 206(1/2) | 127 | -0. 093 |
| 8877. 402(3/4) | 221 | -0. 094 |
| . 446 | 221 | -0. 050 |
| 8905. 310 | 230 | +0. 029 |
| . 358(3/4) | 230 | +0. 077 |
| 8911. 340(1/4) | 232 | -0. 115 |
| 8939. 258 | 241 | +0. 018 |
| 8942. 215(1/4) | 242 | -0. 112 |
| . 261(3/4) | 242 | -0. 066 |
| 9232. 417(1/4) | 336 | -0. 107 |
| . 462(3/4) | 336 | -0. 062 |
| 9291. 255(3/4) | 355 | +0. 074 |
| . 299(1/4) | 355 | +0. 118 |
| 9294. 253 | 356 | -0. 015 |
| . 297 | 356 | +0. 029 |

Ampl. $0^m.75$, without secondary minimum S.A.

$$\underline{\text{BY 745}} = \text{CAP } -56^{\circ}6410(10^{\text{m}}0) = \text{CoD } -56^{\circ}5577(10^{\text{m}}1/4)$$

$$\text{Min} = \text{JD } 243 \ 8499.300 + 4^{\text{d}}.4095 \ . \ \text{E}$$

| Minima | E | O - C |
|-------------------|-------|--------|
| 243 8197.361(1/2) | -68.5 | +0.112 |
| 8499.443(1/2) | 0 | +0.143 |
| .488(1/4) | 0 | +0.138 |
| 8501.438(1/2) | 0.5 | -0.067 |
| .482(1/2) | 0.5 | -0.023 |
| 8521.384 | 5 | +0.036 |
| .429(3/4) | 5 | +0.081 |
| 8583.201(1/2) | 19 | +0.121 |
| 8605.208 | 24 | +0.080 |
| 8878.405(3/4) | 86 | -0.112 |
| 8887.358 | 88 | +0.022 |
| .403 | 88 | -0.067 |
| 8940.219 | 100 | -0.031 |
| .265 | 100 | +0.015 |
| 9178.452(1/2) | 154 | +0.089 |
| .494(1/4) | 154 | +0.131 |
| 9180.446(1/2) | 154.5 | -0.122 |
| .488(1/2) | 154.5 | -0.080 |
| 9200.387 | 159 | -0.023 |
| .428 | 159 | +0.018 |
| 9209.360(1/2) | 161 | +0.130 |
| 9235.410(1/4) | 167 | -0.276 |
| .456(1/4) | 167 | -0.230 |
| 9319.219(1/4) | 186 | -0.248 |

Ampl. $0^{\text{m}}.45$, with a remarkable (1/2) secondary minimum, EB

BV 889 = CAP -53^O9500(9^m.2) = HD 179 364(A2)

Min = JD 243 8233.575 + 3.^d9445 . E

| Minima | E | O - C |
|-------------------|-------|--------|
| 243 8233.358(1/2) | 0 | -0.227 |
| 8235.373(1/2) | 0.5 | -0.174 |
| 8253.312 | 5 | +0.014 |
| 8257.312 | 6 | +0.070 |
| 8261.315 | 7 | +0.129 |
| 8265.267 | 8 | +0.136 |
| 8267.265(1/2) | 8.5 | +0.162 |
| 8608.343 | 95 | +0.041 |
| 8614.237(1/2) | 96.5 | +0.018 |
| .282(1/2) | 96.5 | +0.063 |
| .323(1/2) | 96.5 | +0.109 |
| .346(1/2) | 96.5 | +0.127 |
| 8620.316 | 98 | +0.180 |
| 8622.315(1/2) | 98.5 | +0.207 |
| 8971.360 | 187 | +0.164 |
| 9318.404 | 275 | +0.092 |
| 9320.408(1/2) | 275.5 | +0.123 |
| 9326.373 | 277 | +0.171 |
| 9373.238(3/4) | 289 | -0.298 |
| 9377.241(3/4) | 290 | -0.239 |

Ampl. 0.^m35, with a remarkable (1/2) secondary minimum, EB

Remeis-Observatory
Bamberg, June 22, 1967

W. STROHMEIER