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 Astronomisches Institut der Universität Erlangen-Nürnberg  
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ELEMENTS FOR BAMBERG VARIABLES

BV 789 = CoD -24<sup>o</sup>15680 (9<sup>m</sup>.3) = HD 188 297 (A<sub>o</sub>)

Min = JD 242 5501.350 + 0.<sup>d</sup>558 139 . E

| Minima          | E       | O - C                |
|-----------------|---------|----------------------|
| 242 5501.376(S) | 0       | +0. <sup>d</sup> 026 |
| 6899.478(S)     | 2505    | -0.010               |
| 7666.370(S)     | 3879    | -0.001               |
| 7685.337(S)     | 3913    | -0.011               |
| 7984.509(S)     | 4449    | -0.001               |
| 8045.343(S)     | 4558    | -0.005               |
| 8078.286(S)     | 4617    | +0.008               |
| 8391.424(S)     | 5178    | +0.030               |
| 8396.426(S)     | 5187    | +0.009               |
| 243 1651.498(S) | 11019   | +0.014               |
| 8236.411        | 22817   | +0.003               |
| 8264.315        | 22867   | +0.001               |
| 8278.272        | 22892   | +0.004               |
| 8283.269        | 22901   | -0.022               |
| 8297.228        | 22926   | -0.017               |
| 8580.478(1/3)   | 23433.5 | -0.022               |
| 8582.471        | 23437   | +0.017               |
| 8587.431(1/2)   | 23446   | -0.046               |
| 8615.391        | 23496   | +0.007               |

|     | Minima        | E       | O - C                |
|-----|---------------|---------|----------------------|
| 243 | 8634.310(1/3) | 23530   | -0. <sup>d</sup> 051 |
|     | 8643.311      | 23546   | +0.020               |
|     | 8662.240      | 23580   | -0.028               |
|     | 8994.321      | 24175   | -0.039               |
|     | 9300.501(1/2) | 24723.5 | +0.001               |
|     | 9321.464(1/2) | 24761   | +0.034               |
|     | 9373.282(1/2) | 24854   | -0.055               |
|     | 9377.285(1/2) | 24861   | +0.041               |

Ampl. 0.<sup>m</sup>55, with a remarkable (1/2) secondary minimum, EW.

BV 795 = BD -18<sup>o</sup>349 (9.<sup>m</sup>2)

Min = JD 242 7333.500 + 1.<sup>d</sup>117 455 . E

|     | Minima           | E      | O - C                |
|-----|------------------|--------|----------------------|
| 242 | 7333.534(S)      | 0      | +0. <sup>d</sup> 034 |
|     | 7343.506(S)      | 9      | -0.051               |
|     | 7398.308(S)      | 58     | -0.004               |
|     | 7417.310(S)      | 75     | +0.001               |
|     | .354(S)          | 75     | +0.045               |
|     | 7421.263(S, 1/2) | 78.5   | +0.043               |
| 243 | 6485.483(S)      | 8190   | +0.027               |
|     | .519(S, 1/2)     | 8190   | +0.063               |
|     | 8002.413(1/2)    | 9547.5 | +0.011               |
|     | 8522.496(1/2)    | 10013  | -0.081               |
|     | 8711.351(1/2)    | 10182  | -0.073               |
|     | 8729.311         | 10198  | +0.005               |
|     | 8738.279         | 10206  | +0.033               |
|     | 9054.431(3/4)    | 10489  | -0.054               |
|     | 9378.551         | 10779  | +0.004               |
|     | 9443.360         | 10837  | 0.000                |

Ampl. 0.<sup>in</sup>45, with a remarkable (1/2) secondary minimum, EA  
or EB

BV 823 = CoD  $-31^{\circ}6412 (9.^m_5)$  = CAP  $-31^{\circ}2519 (9.^m_7)$   
 Min = JD 242 8847.550 + 0.<sup>d</sup>697 3125 . E

| Minima          | E       | O - C  |
|-----------------|---------|--------|
| 242 8847.539(S) | 0       | -0.011 |
| 8876.486(S)     | 41.5    | -0.002 |
| 8904.438(S)     | 81.5    | +0.057 |
| 8933.344(S)     | 123     | +0.025 |
| 243 4479.360(S) | 8076.5  | -0.034 |
| 4500.250(S)     | 8106.5  | -0.064 |
| 4508.305(S)     | 8118    | -0.028 |
| 4529.279(S)     | 8148    | +0.027 |
| 4544.251(S)     | 8169.5  | +0.007 |
| 8381.539        | 13672.5 | -0.016 |
| 8467.295        | 13795.5 | -0.029 |
| .339            | 13795.5 | +0.015 |
| 8474.288        | 13805.5 | -0.010 |
| 8489.275        | 13827   | -0.015 |
| 8503.217        | 13847   | -0.019 |
| 8759.516(1/2)   | 14214.5 | +0.018 |
| 8788.426        | 14256   | -0.011 |
| 8817.358(1/2)   | 14297.5 | -0.017 |
| 8824.356        | 14307.5 | +0.008 |
| 9123.515(1/2)   | 14736.5 | +0.019 |
| 9173.372        | 14808   | +0.018 |
| 9180.374(1/2)   | 14818   | +0.047 |
| 9181.375(1/2)   | 14819.5 | +0.003 |
| 9202.299        | 14849.5 | +0.007 |
| 9230.240(1/2)   | 14889.5 | +0.056 |

Ampl.  $0.^m_{.40}$ , secondary minimum nearly as deep as primary minimum, EW

BV 831 = CoD  $-31^{\circ}8125 (9^m.4)$  = HD 89 298 (A)

Min = JD 242 8873.425 + 2.<sup>d</sup>152 375 . E

| Minima             | E    | O - C  |
|--------------------|------|--------|
| 242 8873.572(S, :) | 0    | +0.147 |
| 8875.550(S)        | 1    | -0.027 |
| 243 4398.524(S)    | 2567 | -0.048 |
| 4480.362(S)        | 2605 | 0.000  |
| 4508.308(S)        | 2618 | -0.035 |
| 8503.261(1/4)      | 4474 | +0.110 |
| 8505.262(3/4)      | 4475 | -0.041 |
| 8516.211(1/4)      | 4480 | +0.146 |
| 8518.213           | 4481 | -0.004 |
| 8817.404           | 4620 | +0.006 |
| 8884.219(1/4)      | 4651 | +0.098 |
| 8886.218(3/4)      | 4652 | -0.056 |
| 9198.351           | 4797 | -0.017 |
| 9200.353(1/4)      | 4798 | -0.167 |

Ampl.  $0^m.55$ , no secondary minimum, EA

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Remeis Observatory  
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