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PHOTOMETRIC LIGHT - CURVE
 OF BV 417 = HD 126 037 (G 5)

In Number 47 of the Information Bulletin on Variable Stars of Commission 27 of the I. A. U., W. STROHMEIER reported the Cepheid BV 417 to have a period of $7^d.1$. Ample new plate material from the Bamberg South-African Station now allowed a complete light-curve (see figure) and a more accurate period to be derived. The elements of BV 417 are:

$$\text{Max} = \text{JD } 243\ 8195.2 + 7^d.073 \cdot E$$

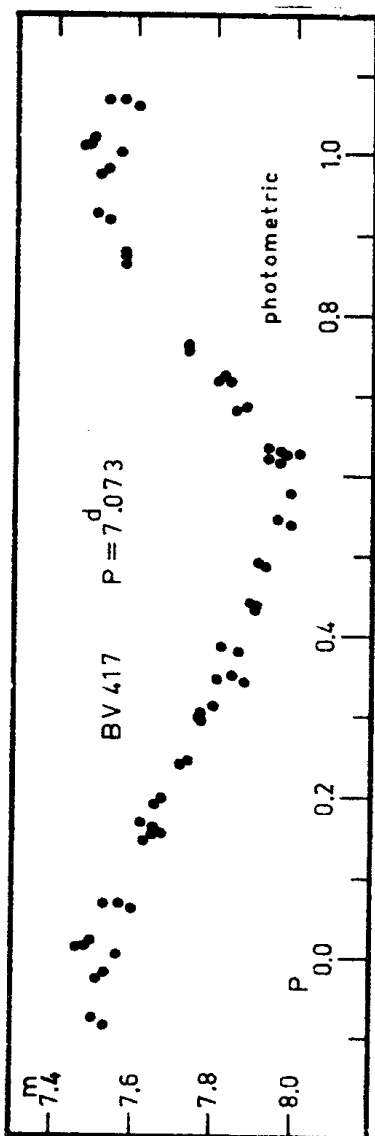
BV 417 is a Cepheid of type C δ with an amplitude of $0^m.5$. In deriving the light-curve the following comparison-stars have been used:

HD 129 041 (A₂) $7^m.40$ (same value in the Harvard and Cape catalogues)

HD 128 215 (A₃) $7^m.85$ (mean value of Harvard and Cape)

Individual maxima (brighter than $7^m.60$)

Maxima	E	0 - C	Maxima	E	0 - C
JD 243 8471.538	39	+ $0^d.491$	JD 243 8548.286	50	- $0^d.564$
8498.451	43	- 0.888	.331	50	- 0.519
.495	43	- 0.844	8549.331	50	+ 0.481
8499.443	43	+ 0.104	8577.244	54	+ 0.102
.488	43	+ 0.149	8583.247	55	- 0.968
8520.386	46	- 0.172	8584.247	55	+ 0.032
.431	46	- 0.127			



Bamberg, Remels Observatory
27 October 1964