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NEW ELEMENTS FOR THE BINARY BV 267
FROM PHOTOELECTRIC
AND SPECTROSCOPIC OBSERVATIONS

The variability of BD + 46^o985 (7^m.7) was firstly announced by Strohmeier (1959), who photographically found an EB light curve with a period of 0.^d684315 (Strohmeier et al., 1963).

Radial velocities obtained from single-lined spectra at Asiago (40 A/mm at H γ) and photoelectric observations made at Loiano in 1964-1966 yielded the following preliminary elements:

$$\text{Min} = \text{JD } 2438769.3316 + 1.^d24730 \text{ E}$$

$$K = 70 \text{ km/s}, \quad \gamma = + 10 \text{ Km/s}, \quad e = 0$$

The light curve is of the Algol type.

A detailed study of the system will be published.

We are indebted to Dr. Strohmeier who kindly supplied elements and identification chart in advance of publication.

Asiago and Bologna
Astronomical Observatories
March 31, 1966

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References

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