

MEASURES OF 23 CASSIOPEÆ *Continued*

λ	6859		6862		6867		6873		6878					
	Vel	Wt	Vel	Wt	Vel	Wt	Vel	Wt	Vel	Wt	Vel	Wt	Vel	Wt
3963 825	- 1.6	1	- 11.2	1	6.4	1			- 1.6	1				
4101 890	- 1.7	$\frac{1}{2}$	- 12.1	$\frac{1}{2}$	6.5	$\frac{1}{2}$			+ 3.7	$\frac{1}{2}$				
4128 211	+ 2.9	$\frac{1}{4}$	- 10.5	$\frac{1}{4}$										
4131 017	- 15.3	$\frac{1}{4}$	- 2.9	$\frac{1}{4}$	- 7.6	$\frac{1}{4}$								
4310 631	- 5.7	$\frac{1}{2}$	- 17.0	$\frac{1}{2}$	- 6.2	1	+ 1.5	1	+ 8.4	1				
4481 400	+ 16.3	$\frac{1}{2}$	5.0	$\frac{1}{2}$					+ 2.5	$\frac{1}{2}$				
Weighted mean	- 0.60		- 10.52		- 6.46		+ 1.50		+ 3.20					
V_n	- 13.85		- 13.73		- 13.63		- 13.28		- 13.44					
V_d	- 0.08		- 0.08		- 0.08		- 0.08		- 0.08					
Curv	- 0.28		- 0.28		- 0.28		- 0.28		- 0.28					
Radial Velocity	- 14.8		- 21.6		- 20.4		- 12.4		- 10.2					

A period was determined from the Ottawa series of spectrograms and then adjusted from five plates taken from the Mt. Wilson observatory (Table II). The time covered by the observations is about forty periods. The final period adopted was 33.75 days. With this element fixed, the sixty-one velocities were grouped into thirteen normal places and approximate elements derived.

$$T' = \text{Julian Day } 2,420,577.34$$

$$K = 17.0 \text{ km.}$$

$$\omega = 270^\circ$$

$$e = 0.40$$

$$\gamma = -4.08$$

$$P = 33.75 \text{ days.}$$