

MEASURES OF η PISCUM *Continued*

Plate	Inst.	Date	Vel.	n	Remarks
1908					
1205	141 L	Jan. 4 544	+13.9	16	underexposed
1211	"	" 3 501	+10.9	10	
1251	"	" 22 546	+8.5	9	
1796	"	Aug. 19 810	+14.3	13	
1869	"	Sept. 7 716	+12.8	21	
1982	"	Nov. 21 688	+13.9	12	
2002	"	Dec. 5 473	+22.1	8	
2069	"	" 23 538	+20.9	10	

 α CETI(1900, $\alpha = 2^h 14^m.3$, $\delta = -3^\circ 26'$, mag. var., type Md)

Four spectra of this well known variable star have been made since the extended series at the December 1906 maximum. Apart from the emission band at H_β , which was present at the 1906 maximum and is not seen at the time of these observations, the other emission and absorption bands seem to be similar to those of the earlier date. The measures of the sharp H_γ and H_δ emission are fairly reliable, those for the absorption lines only approximate. H_β emission seems to appear only at the brighter maxima.

Plate	Date, G.M.T.	Absorption		Emission	
		Vel.	Lines	Vel.	Lines
6786	1915, Feb. 17 525	+50	3	+48.7	2
6834	Mar. 4 500	+58	1	+45.4	1
8655	1918, Sept. 21 703			+49.2	2
8659	" 30 708	+70	3	+45.3	2