

ORBIT OF THE SPECTROSCOPIC BINARY 125 TAURI

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This star ($\alpha=5^h 34^m$, $\delta=+25^\circ 50'$) was announced a binary by O. J. Lee (*Astrophysical Journal*, January, 1914) from the measures of 3 plates (Table II) giving a range of 62 km. The type is B3, the lines being, on the whole, rather poor. Table I gives the lines measured with the wavelengths and the elements to which they are due.

TABLE I
LINES MEASURED

λ	Element	λ	Element
4481.400	Mg	4101.890	H
4471.676	He	4026.352	He
4388.100	He	3970.177	H
4340.634	H	3933.825	Ca
4267.301	Fe		

TABLE II
LEE'S OBSERVATIONS

Date	Julian Day	Phase	Velocity	O. C.
1911 Dec. 3	2,119,371.718	17.701	+13	+10.6
1912 Dec. 10	747.733	0.590	+63	+10.2
Dec. 30	767.656	20.513	+1	-1.4