NOTE ON THE MOTION OF BD + 8:4122

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The spectral class of this tenth magnitude BD star $(19^h26^m2 + 8^\circ18')$ for 1900) was determined as B1Ia by Hiltner and Iriarte (Ap. J. 122:185, 1955) and an absolute magnitude of -7.0 was indicated by them. This puts the star at a distance of ten thousand parsecs and one thousand parsecs south of the central plane of the galaxy but since an object of this high luminosity does not have a long life-expectancy, it would seem likely that the star was ejected from the central regions of the galaxy with very high velocity. Consequently we thought it would be of interest to determine its proper motion.

As an incidental result of our measures the proper motion of the neighbouring star BD + 8:4123 was found to be + 0"004 in R. A. and -0"054 in dec. (absolute values).

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