

A NEW FUOR ?

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During observations made in August and November 1987 with the ultraviolet telescope "Glazar" [1] installed at the module "Kwant" of the "Mir" Space Station a very blue star HD 269665 = Sk -68°110 in the region of the LMC was detected.

The data obtained by ground based observations [2] have showed that this star might belong to spectral types O - B2. In case it is a main sequence star its color $m(1640)-V$ should be about -4^m . On Fig.1 two photographs of the observed region taken by us (right one) and by Sanduleak [3] in photographic rays are presented.

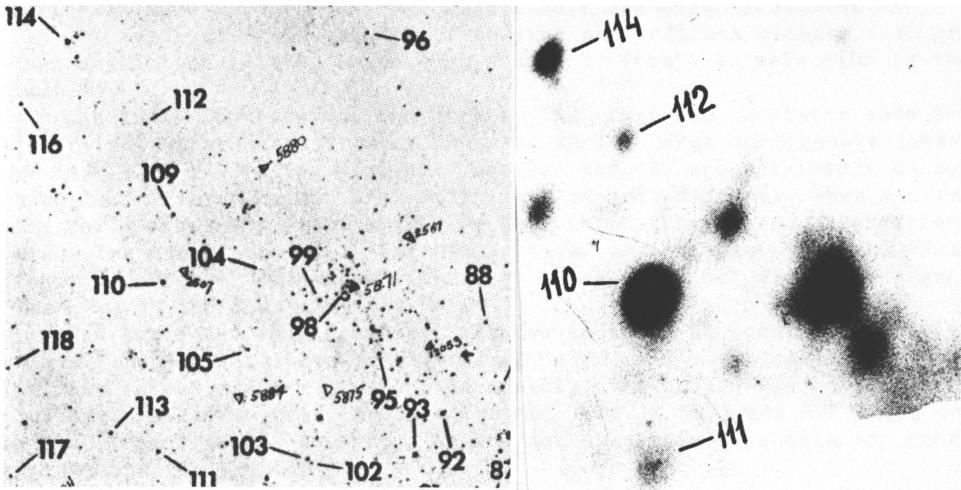


Figure 1.

The photometric data on a few in the field stars measured by TD-1 satellite [4] were used for determination of the stellar magnitude of HD 269665. It is equal to $5^m.0 \pm 0^m.1$. The V magnitude of this star was $\sim 11^m.2$ [2]. Thus, its colour was unusually blue, $m(1640) - V = -6^m.2$. Therefore we suggest that the star was in an enhanced state at the time of our observations, and thus may be a fuor. It is remarkable that this star was not recorded by observations with TD-1 in 1972-1974 though much fainter stars up to $9^m.0$ at 1565 Å have been recorded.

REFERENCES

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