THE RELATION BETWEEN THE ANOMALOUS CN STRENGTH, δ CN, AND [FE/H] ABUNDANCES

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Following a previous study of stellar abundances (Pasinetti 1980), a relation has been derived between the DDO cyanogen-strength index and values of [Fe/H] reported in the catalog of Cayrel de Strobel, et al. (1980). From this relation we obtain [Fe/H] = 0.08 for the Hyades. This value is slightly lower than that given by Janes (1979), [Fe/H] = 0.13, and is in better agreement with other recent estimates of the Hyades metallicity (Cayrel de Strobel 1980). This improvement is due to the larger quantity of more precise spectroscopic data used in our correlation.

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