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SdO stars have particular importance in astrophysics due to their position in the HR diagram between the hot horizontal-branch stars and the precursors of the white dwarfs. A careful determination of their parameters is therefore highly desirable.

Unfortunately, their effective temperatures ($\geq 30000\text{K}$) put them in the region where NLTE effects are no longer negligible. Line blanketing, on the other hand, largely dominates the UV spectral region of these stars, and its effect on the temperature distribution in the atmosphere is opposite to that of NLTE. So, since NLTE blanketed models are not yet available, it seems that presently the LTE unblanketed models may better describe the actual situation.

We present in this paper the preliminary estimates of sdO stellar parameters by means of fitting of the low-dispersion IUE spectra to the energy distributions of blanketed and unblanketed LTE model atmospheres. A comparison of the results from the different models is discussed.