

Microturbulence depth-dependence in *o* Peg

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Abstract

Using the lines of Fe, Ti and Cr the microturbulence dependence on optical depth in the atmosphere of C P1 star *o* Peg on the basis of conventional method is investigated. It was found the microturbulent velocity was significantly higher than 1 km/s. In the interval of optical depths from 1.0 up to 0.001 the microturbulence tends to grow up as atmospheric height increases.