Si II autoionization lines and stratified atmosphere in Bp type star

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Abstract

Synthetic spectra were computed under the assumption of atmosphere stratification for Bp type star. At $\lambda$5200 depression both normal and autoionization lines strengthen at wavelengths $\lambda$5187 and $\lambda$5204. Lines at the former wavelength may contribute to peaked contributor of $\lambda$5200 feature centered at $\lambda$5175.

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