

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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