

**THE FLUX RATIO OF THE [N II] $\lambda\lambda$ 6548,6583Å LINES
IN SAMPLE OF AGNs TYPE 2**

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In spectra of the Active Galactic Nuclei (AGNs), the [N II] $\lambda\lambda$ 6548,6583Å lines are commonly fitted using the fixed intensity ratio of the components. However, the used values for fixed intensity ratio are slightly different through literature and there is significant lack of the references for their theoretical calculation or experimental measurement from spectra. The obtained theoretical values for [N II]6583.45Å/6548.05Å line intensity ratio are between 2.93-3.07. Here we present the measurements of the flux ratio of the [N II] $\lambda\lambda$ 6548,6583Å emission lines for a sample of AGNs type 2 spectra taken from Sloan Digital Sky Survey (SDSS) data base. The spectra are chosen to have high signal-to-noise, and to [N II] lines do not overlap with H α . The obtained value for the flux ratio is compared with the theoretical calculations.