

INFLUENCE OF THE GAS OUTFLOW TO THE SPECTRAL CHARACTERISTICS OF AGNs TYPE 2

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We used a large sample of the Active Galactic Nuclei (AGN) Type 2 spectra, obtained from SDSS DR18 in order to investigate the influence of the gas outflow to their spectral characteristics. The sample is divided into two subgroups: one where significant outflow is observed in [O III] 4959, 5007 Å line profiles, and the other one where no outflow contribution is observed in [O III] lines. We explored and compared the spectral characteristics of these two subsamples using various spectral lines, with special focus to their kinematical properties.