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Poster

FITTING THE Hβ LINE IN TYPE 1 AGNs

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Here we present a complete procedure to measure continuum and emission lines flux from the spectra taken from the Sloan Digital Sky Survey Database, which is fitting the Hβ line region of type 1 active galactic nuclei. The procedure is written in Python and includes: calibration of spectra, removal of host galaxy contribution, continuum subtraction, and modeling of Hβ and the region around the line.