

**LINE SHAPE VARIABILITY
IN A SAMPLE OF AGN WITH BROAD LINES**

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The spectral variability of active galactic nuclei (AGN) is one of their key features that enables us to study in more details the structure of AGN emitting regions. Especially, the broad line profiles, that vary both in flux and shape, give us invaluable information about the kinematics and geometry of the broad line region (BLR) where these lines are originating from.

We present here the analysis of the line shape variability of a sample of AGN having broad emission lines in their spectra (so called type 1 AGN). The data are taken from the long-term optical monitoring campaign performed with telescopes of SAO (Russia), INAOE and OAN-SPM (Mexico). The main aim is to study the physics and kinematics of the BLR, focusing on the problems of the photoionization heating of the BLR and its geometry.