Progress Report

## THE SHIFT OF POLARIZED BROAD LINES IN TYPE 1 ACTIVE GALACTIC NUCLEI

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The broad line region (BLR) of active galactic nuclei (AGN) is a region that emits broad emission lines, and until now, it was not directly observed and resolved even for the nearest AGN. Therefore, the only way to study the BLR is by analyzing the properties of the broad emission lines. The spectro-polarimetric investigations of the BLR give an incredibly important additional information that can help in constraining the geometry, structure, and mechanisms of radiation of the BLR. The high-resolution observations performed with the 6-m telescope of Special Astrophysical Observatory of the Russian Academy of Science using the SCORPIO spectropolarimeter, allow us to analyze in great detail the poralized line profiles - shape, asimmetries and shifth, and make conclusions about the geometry and kinematics of both the BLR and the scattering regions. Here we present the results of the polarized line shifts analysis of the broad H $\alpha$  line profiles in a number of Type 1 AGNs. Also, we will discuss the nature of the shift in polarized broad lines.