Polarimetric variability of the polar AM Her at low state


Boston, MA 12345, USA
Steward Observatory, University of Arizona, Tucson, AZ 85721, USA
Main Astronomical Observatory at Pulkovo, Saint-Petersburg, Russia
Special Astrophysical Observatory of the Russian AS, Nizhniy Arkhyz 369167, Russia

Abstract. An attempt is made to determine the magnetic field structure by means of polarimetric observations of AM Her with a high temporal resolution. Some features on the linear polarization curves are noted that might be interpreted as an indication that the magnetic field is of complex structure, however, the result is not unambiguous.