

Description of procedures for reduction and calibration of solar optical spectra at Ondřejov

(P. Kotrč¹, T. Miljković², D. Randelović²)

¹Astronomical Institute, Academy of Sciences of the Czech Republic CZ-251 65 Ondřejov, Czech Republic

²Faculty of Science, University of Novi Sad, Trg Dositeja Obradovića 4, 21000 Novi Sad, Serbia

Optical spectroscopy of solar active phenomena is done at the Ondřejov Observatory for about 50 years. Here we give details about major configurations of spectrographs MFS and HSFA2. Also, we explain how spectra were obtained and calibrated. We briefly describe procedures written in IDL that are in use for reduction and calibration. Furthermore, an overview of work done by Serbian students during summer practice at the Ondřejov solar department in 2007 and 2008 is presented.