Preface

This volume of Publications of the AI is monothematically dedicated to the acquisition and reduction of data exposed by the Ondřejov 2-meter telescope. The telescope is constructed for spectroscopy and it is presently equipped with two spectral devices: coudé slit spectrograph (f/32) and fiber-fed echelle spectrograph HEROS[1] installed in the Cassegrain focus (f/13).

We hope, students of astronomy[2] and visitor astronomers will find this volume useful. We intend it as a cookbook describing how to acquire data from the 2-meter telescope instruments and how to reduce it unitil the final one-dimensional wavelength-calibrated spectrum which is suitable for further astrophysical analysis.

Among others, we present a review of some experiments concerning the optical fiber of the HEROS (such as a stability of the blaze function). It might be useful for many astronomers dealing with echelle spectroscopy.

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[1] HEROS is on loan from the Landessternwarte Heidelberg-Königstuhl, Germany

[2] Astronomical Institute of the Academy of Sciences of Czech republic widely collaborates with astronomical departmens of Czech universities and polytechnics