



# The XDSPRES CL-based package for reducing OSIRIS cross-dispersed spectra

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We present a description of the CL-based package XDSPRES, which aims at being a complete reducing facility for cross-dispersed spectra taken with the Ohio State Infrared Imager/Spectrometer, as installed at the SOAR telescope. This instrument provides spectra in the range between 1.2 $\mu$ m and 2.35 $\mu$ m in a single exposure, with resolving power of  $R \sim 1200$ . XDSPRES consists of two tasks, namely xdfat and doosiris. The former is a completely automated code for preparing normalized flat field images from raw flat field exposures. Doosiris was designed to be a complete reduction pipeline, requiring a minimum of user interaction. General steps towards a fully reduced spectrum are explained, as well as the approach adopted by our code. The software is available to the community through the web site [this http URL](#)

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