PyEmir: data reduction pipeline for EMIR, the GTC near-IR multi-object spectrograph

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Abstract

EMIR is the near-infrared wide-field camera and multi-slit spectrograph being built for Gran Telescopio Canarias. We present here the work being done on its data processing pipeline. PyEmir is based on Python and it will process automatically data taken in both imaging and spectroscopy mode. Part of the PyEmir code can be reused by other GTC instruments. This common part will be released separately as a package named Numina.