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## New set of linear polarimetry standard stars

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We present the preliminary results, accurate measurements and long term monitoring, of our on-going programme to extend the list of well observed polarimetric standard stars.

Many of the current polarimetry standard star catalogues have mainly very bright ( $V < 9$ mag) stars which are not well observed and sky coverage is very sparse. ESO presented a list of fainter standard stars,  $V=10-12$ mag, however, only three of them are easily observable from the Northern hemisphere. In order to improve this we have been conducting a programme to establish standard stars with  $V=10.0-13.5$  mag and declination  $> -13$  deg.

Our data includes accurate, simultaneous, UBVRI measurements using Turku UBVRI Photopolarimeter (Turpol), long term monitoring in B-band with the Alhambra Faint Object Spectrograph and Camera, (ALFOSC), both instruments having been mounted at the Nordic Optical Telescope (NOT) and multi epoch measurements in NIR through  $y_zJHK$ -bands with Long-slit Intermediate Resolution Infrared Spectrograph, LIRIS, mounted at the William Herschel Telescope (WHT).

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