Spectropolarimetric calibration of CanariCam: Development of a network of calibration sources for polarimeters on large telescopes

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One of the calibration problems posed by the new generation of mid-infrared instrumentation on 8-10 metre class telescopes is that of polarimetric calibration. To be able to calibrate polarimetric data reliably it is necessary to be able to measure both the instrumental polarisation and the efficiency of detection of polarisation with a high degree of accuracy. In many senses the problems are less difficult han for spectrophotometric calibration, but still need to be defined and overcome. In this poster we discuss the polarisation calibration problems relevant to the mid-infrared.