Fibre-optic spectropolarimeter for the 6 m telescope

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The spectropolarimeter is intended for measurements of the linear and circular polarization inside spectral lines. It consists of three parts: the first one is in the prime focus of the 6 m telescope, the second — at the Nasmyth platform near the slit, and the third — on the cameras of the Main Stellar Spectrograph. The beam of light from a star (see Fig.1) goes through the diaphragm 3 and is partially reflected to the TV-guiding system 1.

![Figure 1: Schematic of the spectropolarimeter.](image)

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