

STOKES POLARIMETER FOR 1-METER TELESCOPE

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In this work we describe a new device Stokes-polarimeter (StoP) designed in the Laboratory of spectroscopy and photometry of extragalactic objects of SAO RAS and put into operation on the 1-m Zeiss-1000 telescope in January 2020. Using the device one can conduct observations in both photometric and polarimetric modes using a double Wollaston prism (Geyer et al. 1996, Oliva 1997). The characteristics of the device and the accuracy achieved in each of the modes are presented. The capabilities of the device are demonstrated by examples of observations of several astronomical objects. Supported by the Russian Science Foundation: project no. 20-12-00030.

References

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