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## DiPol-UF simultaneous three-color (BVR) polarimeter with EM-CCDs

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DiPol-UF is a new instrument capable of high precision ( $10^{-5}$ ) polarimetric observations simultaneously in three passbands (BVR). The instrument utilizes electron-multiplied EM CCD cameras for high efficiency and fast image readout. The key features of DiPol-UF are: (i) optical design with high throughput and inherent stability; (ii) great versatility which makes the instrument optimally suitable for observations of bright and faint targets; (iii) control system which allows using the polarimeter remotely. The DiPol-UF is equipped with a retractable calcite unit and can be used also as a high-speed simultaneous three-band photometer. Polarimeter is equipped with exchangeable half and quarter-wave plates and capable to measure linear and circular polarization.

Examples are given of the first results obtained from high signal-to-noise ratio observations of bright nearby stars and fainter sources, such as X-ray binaries in their quiescent state and magnetic white dwarfs.

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