

## EMISSION-LINES OF THE DWARF ELLIPTICAL GALAXY NGC 185

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Here we will present spectral observations of a dwarf elliptical galaxy NGC 185, which, in spite of its classification, exhibits signs of significant amount of gas, dust and recent star formation. Narrow band optical photometry showed presence of 12 emission line objects - PNe, SNR candidates and diffuse ionized gas. Spectral follow-up observations of selected objects were done with the SCORPIO multi-mode spectrograph at the 6-m telescope at Special Astrophysical Observatory of the Russian Academy of Science, both in low (FWHM  $\sim 500$  km s<sup>-1</sup>) and high (FWHM  $\sim 120$  km s<sup>-1</sup>) resolution modes. We revealed the enhanced [SII]/H $\alpha$  and [NII]/H $\alpha$  line ratios in several objects, as well as high expansion velocities of the observed nebulae in the central part of the galaxy, indicating their nature as SNRs.