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Photometry and spectroscopy of IGR J21247+5058 radiogalaxy with RTT150

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Abstract

We present the results of photometry and spectroscopy of IGR J21247+5058 made by using the 1.5-m optical telescope RTT150 with Andor CCD and TFOSC instrument. R-band images obtained at 0.8 arcsec seeing conditions have allowed us to separate foreground star from point-like extragalactic source and estimate their brightness separately. Low-resolution but high S/N ratio spectra of this optically combined source confirm the presence of red-shifted H-alpha emission line of extragalactic nature. Physical properties of radio-galaxy are briefly discussed.
