

THE SUPERMASSIVE BLACK HOLES MERGING IN TICK-TOCK AGN (SDSS J1430+2303): PRO AND CONTRA

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Since 2022, the galaxy SDSS J1430+2303 is considered as a potential candidate for supermassive black holes imminent merging thanks to its unusual light curve in the optical and X-ray ranges, as well as a significant change in Balmer lines shape in the comparison to the archive data. This report discusses the results of SDSS J1430+2303 new observations obtained at the 6-m telescope, Hubble Space telescope and Mikhail Pavlinsky ART-XC telescope on board the Spektr-RG space observatory. We consider arguments for and against the central black hole duality in SDSS J1430+2303.