A SYNOPTIC VIEW OF THE MAGELLANIC CLOUDS: VMC, GAIA AND BEYOND

ESO-HQ, GARCHING BEI MÜNCHEN, GERMANY September 9-13, 2019

Quasars in the VMC: identification and variability properties

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Quasars located behind nearby galaxies provide an excellent absolute reference system for astrometric and absorption line studies, but they are difficult to identify because of fore- and background contamination. Hundreds of quasar candidates were selected based on their near-infrared colors and variability from the VMC. We report new spectroscopically confirmed quasars and parametrize their variability with a near-infrared structure function.