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Data acquisition and data processing software for magnetic measurements for NICA magnets

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The software, which has been used for the magnetic measurements test bench for superconducting magnets of NICA and FAIR projects is described. Main measurement program that is used in order to collect measured data, and is responsible for sensor position as well as software for processing measured data are presented. Filtering and smoothing algorithm based on wavelets and splines that were used before data processing are also described.

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