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LUE-200 SLED System Effect on the Electrons Energy Spectrum

This report presents the results of a study on the SLED (SLAC Energy Doubler) system effect installed on the first accelerating section feeder of the LUE-200 of the IREN facility on the energy spectrum of electrons. This work is based on analytical calculations of the LUE-200 accelerator beam dynamics conducted by BINP SB RAS specialists in 2020.

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