

Sr Optical Lattice Clock and Precision Optical Frequency Measurement at NIM

Two Sr optical lattice clocks are being built at NIM. The systematic shift uncertainty of Sr1 is $2.9E-17$, and $7.2E-18$ for Sr2. A comparison between these two clocks is in progress. The absolute frequency measurements of optical clocks have been carried out at NIM referenced to both the local cesium fountains and the PSFS in Circular T bulletin through a satellite link.

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