

Spatial Light Modulator Program



Overview

Toolbox for generating and simulating patterns for spatial light modulators. A set of Matlab functions and graphical user interface for generating patterns for phase and amplitude spatial light modulators (SLMs) such as the digital micromirror device (DMD) and liquid crystal type. GitHub - holodyne/slmsuite: Python package for high-performance spatial light modulator (SLM) control and holography. Supports features from aberration-corrected 3D point clouds to automated Fourier-domain calibrations.

- GitHub Add testing github ci/cd. Also check exceptions in tests; remove gpu. The GUI software provides an intuitive environment for basic SLM operations. Pattern display, loading, sequential display settings, and other operations can be easily performed, allowing even first-time users to follow the steps. In most cases, this requires a highly integrated application-specific integrated. To generate deterministically placed vacancies in a diamond crystal, a high spatial-temporal energy density must be achieved in the crystal. The content covers various types of SLMs, including liquid.



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