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Optimization of the optical design of cavity-based x-ray lasers

Tuesday, 9 May 2023 16:30 (2 hours)

In this proceeding, we will examine the designs of cavity-based XFEL (CBXFEL) and X-ray laser oscillator (XLO) currently under construction at SLAC. We will point out the possible improvements in the optical design, and propose new schemes. We especially focus of rectangular and bow-tie geometries.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

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