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Type: **Poster Presentation**

Coherent radiation of a microbunched beam in a short undulator

Tuesday, 21 May 2024 16:00 (2 hours)

We calculate the coherent radiation of a modulated beam in a short resonantly tuned undulator taking into account the finite transverse size and the angular spread of the beam. The result allows to optimize the radiation by controlling the Twiss parameters in the undulator.

Footnotes

Funding Agency

Paper preparation format

LaTeX

Region represented

North America

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