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Correction of insert device errors of the SAPS storage ring

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The first phase of the Southern Advanced Photon Source (SAPS) project currently plans to construct 10 beam lines. According to user requirements, all 10 beam lines are based on the radiation of insert devices, and the parameters of each insert device are optimized. These insert device models were added to the lattice to calculate the impact on the lattice of the SAPS storage ring, and their effects were corrected.

Footnotes

Funding Agency

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Yes

Primary author: CHEN, Jianliang (Chinese Academy of Sciences)

Co-authors: WANG, Sheng (Institute of High Energy Physics, CAS); LIU, Weihang (Institute of High Energy Physics); LI, Xiao (Institute of High Energy Physics); JIAO, Yi (Institute of High Energy Physics); ZHAO, Yu (Institute of High Energy Physics)

Presenter: CHEN, Jianliang (Chinese Academy of Sciences)

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