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Photon Beam Position Monitor for PLS-II Beamline

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Photon Beam Position Monitor (PBPM) is an effective monitor for the synchrotron radiation position in a beamline of PLS-II and has been used for the insertion device beamline as well as the bending beamline. In this study, we report the operational status of PBPMs for PLS-II. The PBPM feedback system combined with the orbital feedback system maintains the same position of synchrotron radiation in the beamline. In addition, the scanning results of the blade current show that the orbital distortion can be monitored inside the insertion device. This means that the fine alignment of the electron orbit is possible with this result.

Footnotes

Funding Agency

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Yes

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