

## **ORBIT CONTROL AT SYNCHROTRON LIGHT SOURCES**

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Modern synchrotron light sources are pushing the limits of storage ring performance. Precise control of the electron beam orbit is critical for achieving design goals in these machines. A review of closed orbit control will be given, including an overview of the sources of orbit motion, a description of closed orbit correction and feedback algorithms, and a discussion of the pitfalls and limitations of orbit control. Illustrative examples from light sources worldwide will be included.