

Quadrupole and BPM Offset Determination at BESSY I and BESSY II*, K. OTT, BESSY (Berlin, Germany) - This paper describes the simultaneous determination of the closed orbit and alignment offsets in quadrupoles and electronic offsets in beam position monitors at the synchrotron light source BESSY I. The method is based on local quadrupole field variations and orbit measurements and uses a linear model with quadrupole and steerer response matrices including dispersive effects for the offset calculations. A simulation of this procedure for the BESSY II synchrotron light source, which is presently under construction, will be discussed.

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