

**Verification of the BESSY II Booster Model Based on Orbit Response Measurements\***,  
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E. WEIHRETER, BESSY - Already in early stages of the commissioning of the 2 GeV booster synchrotron of the Bessy II electron storage ring for synchrotron radiation, orbit response measurements have been performed to verify the properties of the linear lattice. The resulting orbit response matrix was used to check the hardware as well as to adjust the calibration factors of power supplies and the BPMs. The orbit correction at low energy profits from the results. The paper summarizes the essential findings.

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