

## FOREWORD

The “**Synchrotron Light Source Data Book**” is as its name implies a collection of data on existing and planned synchrotron light sources. The intention was to provide a compendium of tools for the design of electron storage rings as synchrotron radiation sources. The slant is toward the accelerator physicist as other booklets such as the X-Ray Data Booklet, edited by D. Vaughan (LBL PUB-490), address the use of synchrotron radiation. It is hoped that the booklet serves as a pocket sized reference to facilitate back of the envelope type calculations. It contains some useful formulae in ‘practical units’ and a brief description of many of the existing and planned light source lattices.

I would like to thank my colleagues for providing the data for the various lattices. Some new lattices have been added for this version and most of the lattices that appeared in earlier versions have been updated to reflect their current status. Some of the information from the booklet, such as the MAD data for the lattices, can be found on the WWW at the NSLS URL (<http://www.nsls.bnl.gov>).

I welcome corrections and suggestions for improvement.

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