APPLICATIONS OF SYNCHROTRON RADIATION

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ABSTRACT

The seminar was intended for those scientists who had no special knowledge of synchrotron radiation. It described qualitatively the basic characteristics of synchrotron radiation from bending magnets and insertion devices. Then followed a brief survey of the present use of synchrotron radiation in basic and applied research.

The following Bibliography contains very useful introductions to the various related fields ranging from machine physics to the many applications of synchrotron radiation. The talk was based on Refs. 5, 6 and 7.

BIBLIOGRAPHY


7. A. Gaupp, E.E. Koch, R. Maier, W. Peatman and A.M. Bradshaw, Scientific Case for BESSY II (in German), Berlin, November 1986, 509 pages including appendices.