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Nota di contenuto	A Introduction -- 1 General remarks -- 2 The corresponding Landolt-Börnstein volumes -- 3 Physical quantities tabulated in this volume -- B Physical data -- 1 Elements of the IVth group and IV-IV compounds -- 2 III-V compounds -- 3 Elements (other than group IV elements) -- 4 Binary compounds (other than III-V compounds) -- 5 Ternary compounds -- 6 Further compounds with semiconducting properties -- 7 Figures to chapters 3, 4 and 5 -- 1 Index of Substances -- 2 Synopsis of the sections of this book and the corresponding sections of volumes III/17, III/22 and III/23a of the New Series of Landolt-Börnstein -- 3 Contents of the volumes of the New Series of Landolt-Börnstein dealing with semiconductors.
Sommario/riassunto	The frequent use of well known critical data handbooks like Beilstein, Gmelin and Landolt-Bomstein is impeded by the fact that merely larger libraries - often far away from the scientist's working place - can afford such precious collections. To satisfy an urgent need of many scientists working in the field of semiconductor physics for having at their working place a comprehensive, high quality, but cheap collection of at least the basic data of their field of interest this volume contains the most important data of semiconductors. All data were compiled from

information on semiconductors presented on more than 6000 pages in various volumes of the New Series of Landolt-Bomstein. We hope to meet the needs of the community of semiconductor physicists with this volume, forming a bridge between the laboratory and additional information sources in the libraries. The Editor Marburg, January 1996

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