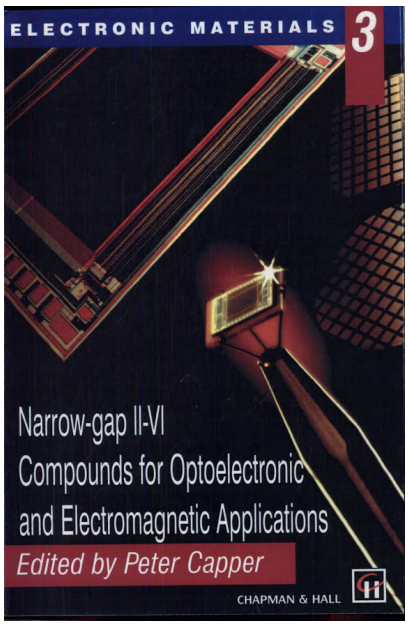

Narrow-gap II-VI Compounds For Optoelectronic And Electromagnetic Applications

Author : Peter Capper / **Category :**Technology & Engineering / **Total Pages** : 592 pages

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Summary : Free narrow-gap ii-vi compounds for optoelectronic and electromagnetic applications pdf download - the field of narrow-gap ii-vi materials is dominated by lhe compound mercury cadmium telluride mct or hg1 cd te by varying the x value material can be made to cover all the important infrared lr ranges of interest it is probably true to say that mct is the third most studied semiconductor after silicon and gallium arsenide as current epitaxial layers of mct are mainly grown on bulk cdte family substrates these materials are included in this book although strictly of course they are not narrow-gap this book is intended for readers who are either new to the field or are experienced workers in the field who need a comprehensive and up to date view of this rapidly expanding area to satisfy the needs of the frrst group each chapter discusses the principles underlying each topic and some of the historical background before bringing the reader the most recent information available for those currently in the field the book can be used as a collection of useful data as a guide to the literature and as an overview of topics covering the wide range of work areas

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