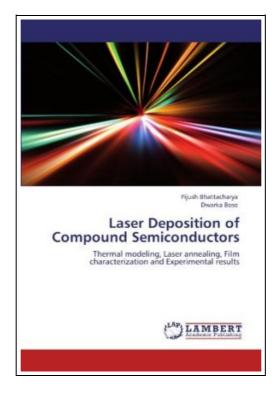
Laser Deposition of Compound Semiconductors



Filesize: 9.06 MB

Reviews

Complete information for ebook fans. It is actually full of knowledge and wisdom I am pleased to inform you that this is basically the very best pdf we have read through inside my very own daily life and can be he very best ebook for ever.

(Gideon Morissette)

LASER DEPOSITION OF COMPOUND SEMICONDUCTORS



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Thermal modeling, Laser annealing, Film characterization and Experimental results | Laser deposition is a versatile technique for preparation of thin films. The process is modeled using both analytical and numerical techniques and described for semiconductors. A pulsed ruby laser was used to deposit CdTe, BN and AlN films. The book introduces the subject of laser materials processing and its applications. Thermal modeling is used to compute the temperature vs time and temperature vs depth profiles for CdTe and BN. CdTe and ZnCdTe crystals were grown by the Bridgman technique for these studies. Laser annealing for electrical activation of ionimplanted P in CdTe is compared favorably with thermal annealing. Another example is the use of the laser for formation of ohmic contacts of Au on CdTe. The main thrust of the work is on the deposition of CdTe, BN and AlN thin films which have been fully characterized using XRD,EDAX, XPS, optical absorption, PL and resistivity measurements which testify to their excellent quality. The variation of deposition rate with semiconductor bandgap is also studied. The book is intended for students and researchers in Semiconductor and Thin Film Technology. It should also be useful for researchers in Materials Science & Engineering. | Format: Paperback | Language/Sprache: english | 112 pp.



Read Laser Deposition of Compound Semiconductors Online Download PDF Laser Deposition of Compound Semiconductors

Relevant Kindle Books



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book *****
Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Save eBook »



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

 $Createspace, United States, 2015. \ Paperback. \ Book Condition: New. \ 229 \times 152 \ mm. \ Language: English \ . \ Brand \ New Book ***** Print on Demand ******. Getting Your FREE Bonus Download this book, read it to the end and...$

Save eBook »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Save eBook:



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Save eBook »



What is Love A Kid Friendly Interpretation of 1 John 311, 16-18 1 Corinthians 131-8 13

Teaching Christ's Children Publishing. Paperback. Book Condition: New. Daan Yahya (illustrator). Paperback. 26 pages. Dimensions: 10.0in. x 8.0in. x 0.1in. What is Love is a Bible based picture book that is designed to help children understand...

Save eBook »