1. Record Nr. UNISA996390235203316

Autore	Higden Ranulf -1364
Titolo	policronicon [[electronic resource]]
Pubbl/distr/stampa	[Ended the thyrtenth daye of Apryll the tenth yere of the regne of kyng Harry the seuenth. And of the incarnacyon of our lord : M.CCCC.lxxxxv. Enprynted at Westmestre, : By Wynkyn Theworde, [1495 (13 April)]]
Descrizione fisica	[50], CCCxxxvi, CCCxxxvi-CCCxlvi, [1] leaves : music
Altri autori (Persone)	TrevisaJohn-1402 CaxtonWilliam <approximately 1422-1491 or 1492.>
Soggetti	World history Geography Great Britain Description and travel Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The author, Ranulf Higden, is named on the colophon page. An English translation by John Trevisa, who is named on R6r. Edited and with a continuation by William Caxton, who is named on R6r. The continuation is reprinted from "The chronicles of England", STC 9991. The title is xylographic. With a title-page woodcut. Opening of text, 2a2: gRete thankynges laude and honour we merytoryously ben bounde to yelde and offre vnto wryters of hystoryes .. Imprint from colophon. Signatures: 2a 2b-2hâ¶; a-y zâ¶; A-S Tâ¶ V-X. Includes index. Book 5 begins new register; foliation is continuous. The woodcut music, the first musical notation printed in England, occurs on p. n5r. The last leaf bears a printer's mark. Leaf i, last word is "englisshe". Variant: earlier (trial?) setting, last word "englysshe". Reproduction of the original in the British Library.

Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910437930503321

Autore	Böer Karl W
Titolo	Handbook of the Physics of Thin-Film Solar Cells / / by Karl W. Böer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-36748-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (893 p.)
Disciplina	537.622 620.44 621 621.042
Soggetti	Renewable energy resources Semiconductors Microwaves Optical engineering Physics Lasers Photonics Materials—Surfaces Thin films Renewable and Green Energy Microwaves, RF and Optical Engineering Applied and Technical Physics Optics, Lasers, Photonics, Optical Devices Surfaces and Interfaces, Thin Films
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From the Contents: Structure and growth of semiconductors -- Creation and motion of lattice defects -- Photochemical reactions --

Lattice defects, grain boundaries, surfaces, interfaces -- Shallow level centers -- Deep level centers -- Carrier scattering at low fields (phonons, small defects) -- Carrier mobility influenced by large defects -- Highly doped semiconductors -- Drift, diffusion currents and quasi Fermi levels -- Electron statistics, Boltzmann, Fermi-Dirac.-Electron generation and tunneling, quasi Fermi levels.

Sommario/riassunto

This handbook is a compendium giving a comprehensive description of the basics of semiconductor physics relevant to the design and analysis of thin film solar cell materials. It starts from the basics of material science, describing the material and its growth, defect and electrical properties, the basics of its interaction with photons and the involved statistics, proceeding to space charge effects in semiconductors and pn-junctions. Most attention is given to analyze homo- and hetero-junction solar cells using various models and applying the field-of-direction analysis for discussing current voltage characteristics, and helping to discover the involvement of high-field effects in solar cells. The comprehensive coverage of the main topics of - and relating to - solar cells with extensive reference to literature helps scientists and engineers at all levels to reach a better understanding and im provement of solar cell properties and their production. The author is one of the founders of thin film solar cell research.