

1. Record Nr.	UNINA9910464874003321
Titolo	Gettering and defect engineering in semiconductor technology XV : selected papers from the 15th Gettering and Defect Engineering in Semiconductor Technology Conference (GADEST 2013), September 22-27, 2013, Oxford, UK / / edited by J.D. Murphy
Pubbl/distr/stampa	Durnten-Zurich, Switzerland : , : Trans Tech Publications, , [2014] ©2014
ISBN	3-03826-205-6
Descrizione fisica	1 online resource (513 p.)
Collana	Solid state phenomena ; ; 205-206
Altri autori (Persone)	MurphyJ. David
Disciplina	620.112972
Soggetti	Semiconductors Solid state electronics Electronic books.
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	Gettering and Defect Engineering in Semiconductor Technology XV; Preface, Committees, Invited Speakers and Sponsor; Table of Contents; I. Defect Engineering in Silicon Solar Cells; Light-Induced Boron-Oxygen Recombination Centres in Silicon: Understanding their Formation and Elimination; Iron Management in Multicrystalline Silicon through Predictive Simulation: Point Defects, Precipitates, and Structural Defect Interactions; External and Internal Gettering of Interstitial Iron in Silicon for Solar Cells; Precipitation of Interstitial Iron in Multicrystalline Silicon Direct Observation of Carrier Trapping Processes on Fe Impurities in mc-Si Solar CellsOn the Trade-Off between Industrially Feasible Silicon Surface Preconditioning Prior to Interface Passivation and Iron Contaminant Removal Effectiveness; II. Structural and Production Issues in Cast Silicon Materials for Solar Cells; Defect Generation and Propagation in Mc-Si Ingots: Influence on the Performance of Solar Cells; Characterisation of Dislocation-Content in Multicrystalline-Silicon Wafers The Impact of Dislocation Structure on Impurity Decoration of Dislocation Clusters in Multicrystalline SiliconAnalysis of

Inhomogeneous Dislocation Distribution in Multicrystalline Si; Properties of Strong Luminescence at 0.93 eV in Solar Grade Silicon; 10 cm Diameter Mono Cast Si Growth and its Characterization; Characterization of Residual Strain in Si Ingots Grown by the Seed-Cast Method; III. Characterisation of Silicon for Solar Cells; Overview and Latest Developments in Photoconductance Lifetime Measurements in Silicon
Efficiency-Limiting Recombination in Multicrystalline Silicon Solar Cells
Photoluminescence Imaging of Silicon Bricks; Inline PL Inspection and Advanced Offline Evaluation of Passivation Defects, Charge and Interfaces; Transition Metal Precipitates in Mc Si: A New Detection Method Using 3D-FIB; A Comparison of EBIC, LBIC and XBIC Methods as Tools for Multicrystalline Si Characterization; IV. Intrinsic Point Defects in Silicon; Properties of Point Defects in Silicon: New Results after a Long-Time Debate; Fast and Slow Vacancies in Silicon
Theoretical Study of the Impact of Stress on the Behavior of Intrinsic Point Defects in Large-Diameter Defect-Free Si Crystals
V. Light Impurities in Silicon-Based Materials; First Principle Study of the Diffusion of Oxygen and Oxygen Complexes in Si, SiGe Solid Solutions and Si Nanocrystals; The Trivacancy and Trivacancy-Oxygen Family of Defects in Silicon; Monoisotopic ^{28}Si in Spin Resonance Spectroscopy of Electrons Localized on Shallow Donors; Light-Element Impurities and their Reactions in Multicrystalline Si; Isotope-Dependent Phonon Trapping at Defects in Semiconductors
Formation of Single and Double Donor States of Trivacancy-Oxygen Complexes in P-Type Silicon

Sommario/riassunto

The book includes both fundamental and technological aspects of defects in semiconductor materials and devices, including photovoltaics. The 74 papers are grouped as follows: I. Defect engineering in silicon solar cells; II. Structural and production issues in cast silicon materials for solar cells; III. Characterisation of silicon for solar cells; IV. Intrinsic point defects in silicon; V. Light impurities in silicon-based materials; VI. Metals in silicon: fundamental properties and gettering; VII. Extended and implantation-related defects in silicon; VIII. Surfaces, passivation and processin

2. Record Nr.	UNISALENT0991001235669707536
Autore	Al-Chalabi, Fadhl Jafar
Titolo	Oil policies, oil myths : analysis and memoir of an OPEC insider / by Fadhl Chalabi
Pubbl/distr/stampa	London : I. B. Tauris, 2010
ISBN	9781848855083 1848855087
Descrizione fisica	xvii, 311 p. : ill. ; 23 cm.
Disciplina	338.272
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
3. Record Nr.	UNINA9910794417503321
Titolo	Organizing for power : building a twenty-first century labor movement in Boston / / edited by Aviva Chomsky, Steve Striffler
Pubbl/distr/stampa	Chicago, IL : , : Haymarket Books, , 2021
ISBN	1-64259-645-0
Descrizione fisica	1 online resource (217 pages)
Disciplina	301.44420942
Soggetti	Labor movement - Massachusetts - Boston - History - 21st century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

4. Record Nr.	UNINA9910953302603321
Autore	Livingstone Arthur
Titolo	Social policy in developing countries / / by Arthur Livingstone
Pubbl/distr/stampa	London ; ; New York, : Routledge, c2011
ISBN	1-136-85706-0 1-283-53910-1 9786613851550 1-136-85707-9 0-203-83552-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (131 p.)
Collana	Routledge library editions.Development ; ; v. 90
Disciplina	361.6091724 361.61091724
Soggetti	Rural development - Developing countries Developing countries Social policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally published: London : Routledge & K. Paul, 1969.
Nota di bibliografia	Includes bibliographical references (p. 111-[120]).
Nota di contenuto	SOCIAL POLICY IN DEVELOPING COUNTRIES; Copyright; Social Policy in Developing Countries; Copyright; General editor's introduction; Contents; 1 Introduction; 2 Education; Literacy; Types and levels of education; Manpower needs; Educational content and methods; The educated and the illiterate; Disillusion of the educated; Types of education required; Education for limited qualifications; Teacher training; The administration of educational policy; 3 Health; Health planning; Health administration; Co-ordination of social services; Health education; Medical auxiliaries; Rural health services Community organization for healthRural urban migration; Nutrition; The curative and preventive in health planning; Hospital services; The general medical practitioner; Mental health services; Medical research; 4 Social welfare; The definition of social welfare; The child; The delinquent; The disabled; Women; The interpretation of social welfare; Social welfare priorities; Community effort for social welfare; Social wastage; Selective social planning; The historical context of social welfare planning; 5 The determinants of social policy; Economic factors; Political factors; Cultural factors

The family; Celebrations; Tradition and change; National defence; International aid; The interests of the donor; The international consultant; The interests of the recipient; 6 The instruments of social policy; Legislation; Administration; The national plan; Plan characteristics; Plan deficiencies; Intermediate technology; The purposes of a plan; Research; Scarcity of research; The beginnings of research; The dimensions of research; U.N.R.I.S.D; Training; Human resources; 7 Conclusion; Further reading; Bibliography

Sommario/riassunto

This reissue, first published in 1969, is a study of contemporary social policy in developing countries, which places the emphasis upon the human needs and requirements for social change which confront any people and any government, wherever their political and international affiliations lie, whatever their economic and social convictions may be.