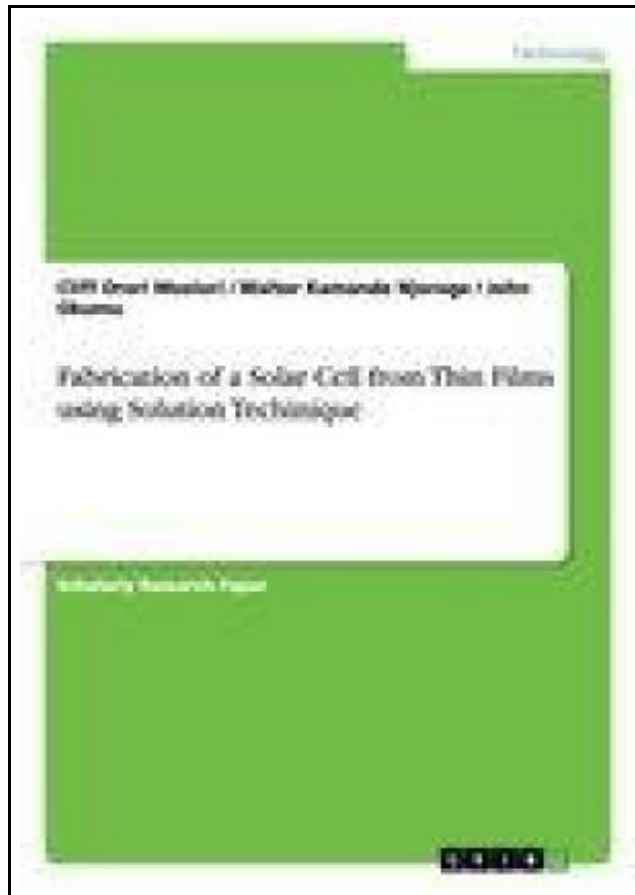


Fabrication of a Solar Cell from Thin Films using Solution Technique



Filesize: 5.82 MB

Reviews

Comprehensive information for publication enthusiasts. I could possibly comprehend every little thing using this composed pdf. You can expect to like the way the article writer create this pdf.
(Abby Kozey IV)

FABRICATION OF A SOLAR CELL FROM THIN FILMS USING SOLUTION TECHNIQUE



GRIN Verlag Jul 2014, 2014. sonst. Bücher. Book Condition: Neu. 211x151x4 mm. This item is printed on demand - Print on Demand Neuware - Scholarly Research Paper from the year 2012 in the subject Energy Sciences, grade: B, , course: Material Engineering Technology, language: English, comment: This is a research project report leading to a Master of Science Degree in Electronics and Instrumentation of Kenyatta University. , abstract: In this work, n-type $CdxZn1-xS$ and p-type PbS layers were optimized through chemical solution technique for solar cells. $CdxZn1-xS$ was grown at 820 C while PbS was grown at room temperature utilizing aqueous conditions. Optical constants suitable for solar cells fabrication were investigated. $CdxZn1-xS$ films had a band gap varying from 2.47eV ($x = 0.6$) to 2.72 eV ($x = 1.0$), transmittance above 79% in VIS - NIR region with resistivity range of 9.5×10^1 to 1.22×10^2 -cm. PbS had a band gap of 0.89 eV, transmittance below 55% with a resistivity range of 6.78×10^3 to 1.26×10^4 -cm appropriate for solar cell absorber layers. Their solar cell had a short circuit current, $I_{sc} = 0.031A$, open voltage, $V_{oc} = 0.37 V$, efficiency, = 0.9% with a fill factor, $ff = 0.66$. 16 pp. Englisch.



[Read Fabrication of a Solar Cell from Thin Films using Solution Technique Online](#)



[Download PDF Fabrication of a Solar Cell from Thin Films using Solution Technique](#)

Other Kindle Books



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read Document »](#)



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read Document »](#)



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

[Read Document »](#)



Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to...

[Read Document »](#)



New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Paperback. Book Condition: New. Not Signed; This is Book 2 of CGP's SAT Buster 10-Minute Tests for KS2 Grammar, Punctuation & Spelling - it's a brilliant way to introduce English SATS preparation in bite-sized chunks....

[Read Document »](#)

**The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)**

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching

[Download eBook »](#)

**The Three Little Pigs - Read it Yourself with Ladybird: Level 2 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own

[Download eBook »](#)

**Chicken Licken - Read it Yourself with Ladybird: Level 2 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. In this classic fairy tale, a nut falls on Chicken Licken s head and he

[Download eBook »](#)

**Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2 (Paperback)**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 148 mm. Language: N/A. Brand New Book. Sly Fox is hungry and he wants to catch and eat Red Hen. Armed with his

[Download eBook »](#)

**Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who

[Download eBook »](#)