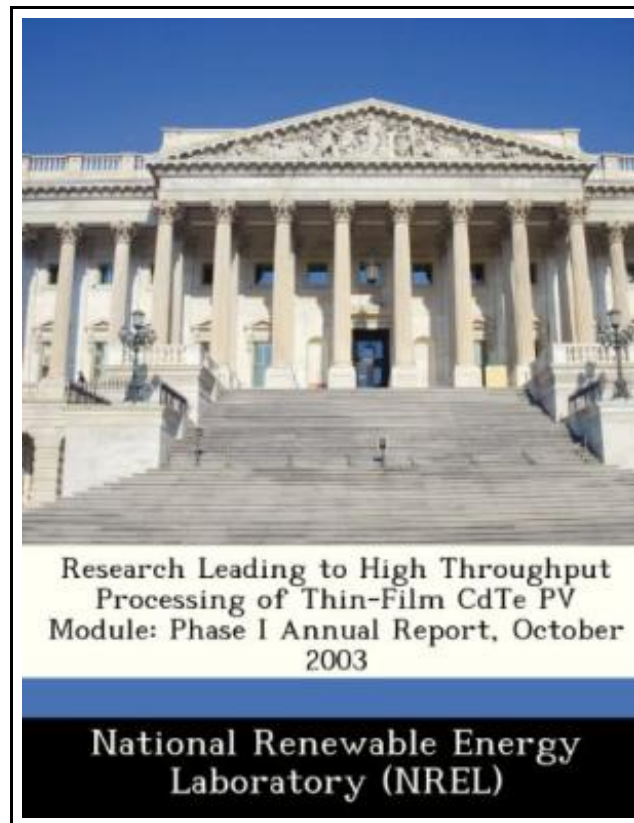


Research Leading to High Throughput Processing of Thin-Film Cdte Pv Module: Phase I Annual Report, October 2003



Filesize: 9.61 MB

Reviews

*Excellent electronic book and helpful one. I could comprehend everything out of this published e book. I discovered this pdf from my i and dad suggested this book to discover.
(Dr. Daphnee Homenick II)*

RESEARCH LEADING TO HIGH THROUGHPUT PROCESSING OF THIN-FILM CDTE PV MODULE: PHASE I ANNUAL REPORT, OCTOBER 2003

[DOWNLOAD](#)

Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Work under this subcontract contributes to the overall manufacturing operation. During Phase I, average module efficiency on the line was improved from 7.1 to 7.9 , due primarily to increased photocurrent resulting from a decrease in CdS thickness. At the same time, production volume for commercial sale increased from 1.5 to 2.5 MW/yr. First Solar is committed to commercializing CdTe-based thin-film photovoltaics. This commercialization effort includes a major addition of floor space and equipment, as well as process improvements to achieve higher efficiency and greater durability. This report presents the results of Phase I of the subcontract entitled Research Leading to High Throughput Processing of Thin-Film CdTe PV Modules. The subcontract supports several important aspects needed to begin high-volume manufacturing, including further development of the semiconductor deposition reactor, advancement of accelerated life testing methods and understanding, and improvements to the environmental, health, and safety programs. Progress in the development of the semiconductor deposition reactor was made in several areas. First, a new style of vapor transport deposition distributor with simpler operational behavior and the potential for improved cross-web uniformity was demonstrated. Second, an improved CdS feed system that will improve down-web uniformity was developed. Third, the core of a numerical model of fluid and heat flow within the distributor was developed, including flow in a 3-component gas system at high temperature and low pressure and particle sublimation.



[Read Research Leading to High Throughput Processing of Thin-Film Cdte Pv Module: Phase I Annual Report, October 2003 Online](#)



[Download PDF Research Leading to High Throughput Processing of Thin-Film Cdte Pv Module: Phase I Annual Report, October 2003](#)

Related Books



The New Green Smoothie Diet Solution: Nature s Fast Lane to Peak Health

Createspace, United States, 2012. Paperback. Book Condition: New. 224 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.New Bestselling Green Smoothie Book Now Available In Print Version! Join The Green...

[Read PDF »](#)



A Cybercops Guide to Internet Child Safety

Securusmedia. Paperback. Book Condition: New. Paperback. 318 pages. Dimensions: 9.0in. x 6.0in. x 0.8in.Learn from a real life Cybercop about the dangers and the pitfalls of the Internet and how to keep your children safe...

[Read PDF »](#)



Read Write Inc. Phonics: Green Set 1 Non-Fiction 2 We Can All Swim!

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 217 x 115 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

[Read PDF »](#)



Read Write Inc. Phonics: Get Writing! Red Ditty Books 1-5

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 157 mm. Language: N/A. Brand New Book. The Get Writing! Ditty Books contain handwriting, spelling and composition activities linked to...

[Read PDF »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Read PDF »](#)