

# Polymer Hybrid Photovoltaics for Inexpensive Electricity Generation: Final Technical Report



Filesize: 7.11 MB

## ***Reviews***

*A really wonderful book with lucid and perfect reasons. This can be for all who statte there was not a worth reading through. You are going to like how the author write this book.*  
*(Dr. Grady Jacobi DDS)*

## POLYMER HYBRID PHOTOVOLTAICS FOR INEXPENSIVE ELECTRICITY GENERATION: FINAL TECHNICAL REPORT



Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The project goal is to understand the operating mechanisms underlying the performance of polymer hybrid photovoltaics to enable the development of a photovoltaic with a maximum power conversion efficiency over cost ratio that is significantly greater than current PV technologies. Plastic or polymer-based photovoltaics can have significant cost advantages over conventional technologies in that they are compatible with liquid-based plastic processing and can be assembled onto plastic under atmospheric conditions (ambient temperature and pressure) using standard printing technologies, such as reel-to-reel and screen printing. Moreover, polymer-based PVs are lightweight, flexible, and largely unbreakable, which make shipping, installation, and maintenance simpler. Furthermore, a numerical simulation program was developed (in collaboration with IBM) to fully simulate the performance of multicomponent polymer photovoltaic devices, and a manufacturing method was developed (in collaboration with Add-vision) to inexpensively manufacture larger-area devices.



**[Read Polymer Hybrid Photovoltaics for Inexpensive Electricity Generation: Final Technical Report Online](#)**



**[Download PDF Polymer Hybrid Photovoltaics for Inexpensive Electricity Generation: Final Technical Report](#)**

## Other PDFs



---

### **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...

[Read ePub »](#)



### **A Year Book for Primary Grades; Based on Froebel s Mother Plays**

Rarebooksclub.com, United States, 2012. 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 download...

[Read ePub »](#)



### **Symphony No.2 Little Russian (1880 Version), Op.17: Study Score**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Composed in 1872 and first performed in Moscow at the Russian...

[Read ePub »](#)



### **Ohio Court Rules 2012, Government of Bench Bar**

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Superseded by 2013 Edition. This title is available, but should be relied upon...

[Read ePub »](#)



### **Ohio Court Rules 2012, Practice Procedure**

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Superseded by 2013 Edition. This title is available, but should be relied upon...

[Read ePub »](#)