



Water Production by Using Solar Energy

By George Elia William

LAP Lambert Academic Publishing Aug 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - The present work discussed the different water production techniques that used to overcome physical water scarcity problem. A new water production technique called 'Water Recovery from Atmospheric Air' is introduced as an innovative solution. This system depends on extraction of water vapor from atmospheric air by using wet desiccant material during night time then evaporates the absorbed water during the day time by solar energy and the evaporated water condensate on the solar collector sides. In order to investigate the system performance, a new mathematical model is introduced. The new model presents 15% improvement in theoretical results compared with other published models. The work aims to evaluate the effect of different operation conditions on the system performance characteristics. Moreover, the model investigates the system performance in different Egyptian weather conditions. The total produced water from the system in spring is about 3.11 lit/day.m² and 3.02 lit/day.m² in Cairo and Alexandria, respectively. The book should be useful for the researcher in water and energy problems. Finally, it could be significant for any reader in green energy...



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[4.04 MB]

Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.

-- **Dr. Reta Murphy**

It becomes an amazing pdf which i actually have at any time read through. This can be for all those who statte there had not been a worthy of reading through. You wont sense monotony at anytime of your own time (that's what catalogues are for relating to should you check with me).

-- **Claud Kris**

You May Also Like



And You Know You Should Be Glad (Paperback)

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



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 who are new to computer programming. Although...



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, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Talking Digital: A Parent's Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their online interactions, the good and the bad,...



No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any friend and being lonely all the time...



Ne ma Goes to Daycare (Paperback)

AUTHORHOUSE, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.This book is about a little biracial (African American/Caucasian) girl's first day of daycare and preparing her for kindergarten....