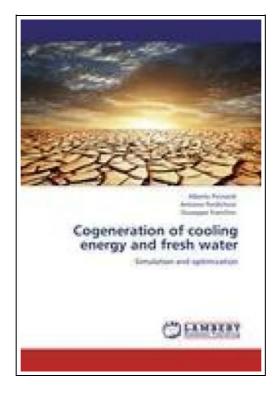
Cogeneration of cooling energy and fresh water



Filesize: 5.5 MB

Reviews

Absolutely essential study ebook. It is among the most remarkable book i have got read through. You will like how the article writer compose this pdf.

(Jessie Rau)

COGENERATION OF COOLING ENERGY AND FRESH WATER



LAP Lambert Academic Publishing Mai 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - In this study a cogeneration system producing cooling energy and fresh water was simulated and optimized. First of all, a research on the desalination techniques has been carried out to find the less energy-consuming techniques. The second step was the simulation of the desalinator unit, implementing the humidification and dehumidification technique, and his integration inside the cogeneration system. This last one includes a field of evacuated tube solar collectors, an hot storage tank which feeds a single stage LiBr H2O absorption chiller, and the desalinator, which recovers the heat rejected from the chiller as heat source. A design simulation of the cogeneration system allowed to chose the best HD unit configuration, while a TRNSYS off-design simulation revealed the main design variables on which to focus the optimization. The optimization study on the design variables was performed by GenOpt. This study has been carried out on different objective functions and reveals that maximizing the production of cooling energy means damaging the fresh water production. A compromise solution has been chosen to balance the contrast between cooling energy and fresh water production. 136 pp. Englisch.



Read Cogeneration of cooling energy and fresh water Online Download PDF Cogeneration of cooling energy and fresh water

Related eBooks



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book
***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Read Document »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book
***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Read Document »



The Way of King Arthur: The True Story of King Arthur and His Knights of the Round Table (Adventures in History)

I Books. PAPERBACK. Book Condition: New. 0743498356 Never Read-may have light shelf wear- publishers mark- Great Copy- I ship FAST with FREE tracking!!.

Read Document »



Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in. Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

Read Document »



Shepherds Hey, Bfms 16: Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 22 pages. Dimensions: 9.4in. x 7.1in. x 0.0in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

Read Document »



In Nature s Realm, Op.91 / B.168: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book
***** Print on Demand ******.Composed in 1891, V P irod (In Nature's Realm) is

Download ePub »



Fun to Learn Bible Lessons Preschool 20 Easy to Use Programs Vol 1 by Nancy Paulson 1993 Paperback

Book Condition: Brand New. Book Condition: Brand New.

Download ePub »



Carnival Overture, Op.92 / B.169: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book
***** Print on Demand ******. The Carnival Overture, Op.92 - second of the set of three

Download ePub »



Variations Symphoniques, Fwv 46: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book
***** Print on Demand ******. Described as one of Franck's tightest and most finished works,

Download ePub >



Slavonic Rhapsody in A-Flat Major, B.86.3: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ****** Print on Demand ******. Dvorak s final Slovanske rapsodie was composed from around September 20

Download ePub »