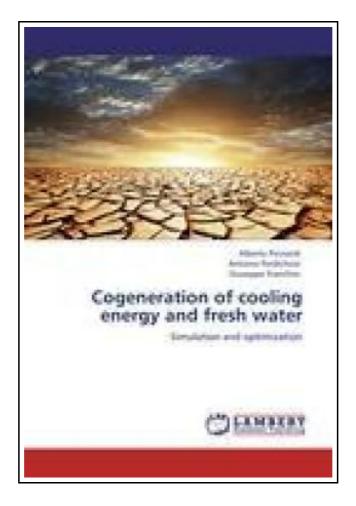
Cogeneration of cooling energy and fresh water



Filesize: 3.28 MB

Reviews

I just started out reading this ebook. We have read and so i am certain that i am going to gonna study yet again again in the future. I found out this book from my dad and i encouraged this publication to find out.

(Kristoffer Kuhic)

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

Other eBooks



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,...

Save ePub »



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...

Save ePub »



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free...

Save ePub »



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) (Paperback)

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...

Save ePub »



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) (Paperback)

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...

Save ePub »



A Hero's Song, Op. 111 / B. 199: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 577 x 401 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed between August 4 and October 25 of 1897, A Hero

Read Document »



Pastorale D Ete: Study Score (Paperback)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 335 x 188 mm. Language: English . Brand New Book ***** Print on Demand *****. Composed in August of 1920 while vacationing in his native Switzerland,

Read Document »



Violin Concerto, Op.53 / B.108: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Commissioned by the eminent violinist Joseph Joachim after a Berlin meeting

Read Document »



Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English Brand New Book ***** Print on Demand *****. The first of the three Slovanske rapsodie was composed from February 13

Read Document »



Danses Sacree Et Profane, CD 113: Study Score (Paperback)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. Debussy composed his concertante masterwork on commission from Pleyel for a

Read Document »