



Selecting Aircraft Routes for Long-Haul Operations: A Formulation and Solution Method (Classic Reprint) (Paperback)

By Anantaram Balakrishnan

Forgotten Books, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Selecting Aircraft Routes for Long-Haul Operations: A Formulation and Solution Method In this paper we consider the routing of long-haul aircraft from a main base to one or more terminal bases. For these long-haul markets, the routing decision becomes critical because route profitability must be evaluated for the extremely large number of feasible routes covered by the operation. In addition, the route selection task is complicated by the pickup-and-delivery characteristic of the problem. Therefore, the development of an efficient procedure for selecting good candidate routes will facilitate the iterative flight scheduling process and may lead to more profitable timetables. We define an aircraft routing problem that captures the important profit-generating factors (such as intercity traffic estimates, revenues, operating costs and aircraft capacities) in the route selection decision. We formulate this problem as a mixed integer program, and develop a Lagrangian-based solution procedure that exploits the special structure of the problem. Computational results for several test problems indicate that the procedure is able to select a small number of profitable candidate routes, and provide good bounds that confirm the near-optimality of the...



READ ONLINE

Reviews

Completely essential read book. It is one of the most remarkable publication i have got study. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Santina Bogan

This pdf is great. I am quite late in start reading this one, but better then never. I am effortlessly can get a delight of looking at a composed publication.

-- Samara Hudson

You May Also Like



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

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



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

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



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



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 download a free scanned copy of the...



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...