



Analysis of the Braess paradox under various assignments from shipping units to carriers

By Marc-André Dr. Weber

GRIN Verlag GmbH Okt 2014, 2014. Taschenbuch. Book Condition: Neu. 211x151x4 mm. Neuware - Scientific Study from the year 2014 in the subject Economy - Transport Economics, grade: 2, University of Duisburg-Essen, language: English, abstract: The Braess paradox, introduced by D. Braess in 1968, describes the situation in which the total time spent in a system for at least two vehicles travelling from one node to another within a network of several nodes may increase if an additional path is added. This effect is due to non-cooperative behavior of the subjects involved and the fact that time consumption on the paths depends on their respective congestion. In this Game Theoretical paradox, full information is given to all vehicles about the theoretically shortest path for one vehicle, measured in time units, disregarding any congestion, which leads to a routing decision of individual rationality. This paper analyzes the Braess paradox if several shipping units have to be transported by multiple vehicles and load weight influences traffic congestion. A mixed integer linear programming formulation is used to model the problem. We introduce the model in detail, give numerical examples and analyze the results. A brief literature review on previous publications dealing with the...



READ ONLINE
[1.29 MB]

Reviews

Very beneficial to all category of folks. I really could comprehend every little thing out of this created e publication. I found out this book from my dad and i encouraged this ebook to discover.

-- **Maia O'Hara**

A brand new electronic book with a new standpoint. It is written in basic phrases rather than confusing. Its been designed in an extremely basic way which is merely right after i finished reading through this publication where basically altered me, change the way i believe.

-- **Kitty Crooks**

Relevant Books



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,...



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(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 :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality to your satisfaction. please tell your friends...



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...



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 . (Paperback)

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...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves 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 you can. Digitally preserved and previously accessible...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves 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 can. Digitally preserved and previously accessible only...