



Proximity Catch Digraphs

By Elvan Ceyhan

VDM Verlag Sep 2009, 2009. Taschenbuch. Book Condition: Neu. 220x150x19 mm. This item is printed on demand - Print on Demand Neuware - This book introduces proximity catch digraphs (PCDs) based on multiple types of data points in a measurable space. The PCDs are constructed using the relative positions of members of points from a class of interest with respect to the Delaunay tessellation of points from another class. Among the advantages of PCDs is mathematical tractability of the distribution of the domination number, moments of relative density, and geometry invariance for uniform data. Thus PCDs are applicable on statistical hypothesis testing and pattern classification. The domination number and relative density are both used to test a type of complete spatial randomness against spatial point patterns of segregation and association. The power of the tests is assessed by asymptotic efficiency methods such as Pitman asymptotic efficiency, Hodges-Lehmann asymptotic efficiency, and asymptotic power function analysis. Finite sample power is analyzed by extensive Monte Carlo simulations. The methods are illustrated in the two dimensional case, but are applicable to higher dimensions as well as to other types of proximity maps. 320 pp. Englisch.



READ ONLINE
[7.08 MB]

Reviews

It is fantastic and great. It generally is not going to cost an excessive amount of. You will like the way the blogger create this book.

-- **Gerardo Bauch PhD**

Just no terms to describe. This is for those who statte that there was not a worth studying. I am just easily can get a enjoyment of studying a written ebook.

-- **Deshawn Roob**

You May Also Like

**Choturam Pandit Vaidyanath - The Tales of Bodhisattva (Illustrated): Two Stories Based on Jataka Tales**

Createspace, United States, 2015. Paperback. Book Condition: New. Gurivi G (illustrator). Illustrated. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.The Jataka tales is an essential part of Indian folk literature. The tales refer to a...

**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)**

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)**

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...

**Super Babies on the Move Mias Nap Time Maxs Bath Time by Salina Yoon 2009 Hardcover**

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

**Baby Faces by Margaret Miller 2009 Board Book**

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

**Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback**

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