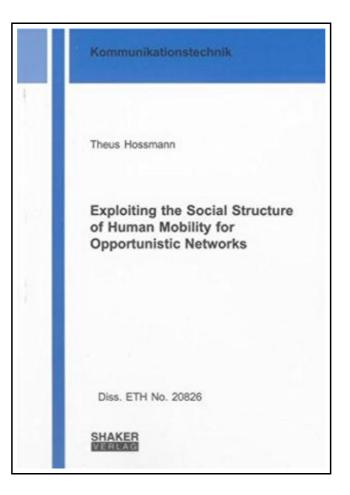
Exploiting the Social Structure of Human Mobility for Opportunistic Networks



Filesize: 3.73 MB

Reviews

An exceptional pdf and the typeface employed was fascinating to see. Better then never, though i am quite late in start reading this one. Your daily life span will be transform as soon as you total looking at this publication. (Dale White)

EXPLOITING THE SOCIAL STRUCTURE OF HUMAN MOBILITY FOR OPPORTUNISTIC NETWORKS

DOWNLOAD PDF

ረጋ

Shaker Verlag Jan 2013, 2013. Buch. Book Condition: Neu. 21x14.8x cm. Neuware - With the increasing density of powerful personal mobile devices - such as smart phones and tablets - the demand for mobile data connectivity grows rapidly. People rely on accessing their cloud-hosted data and globally available Internet services anytime and anywhere. However, providing ubiquitous connectivity is challenging and sometimes infeasible: Consumed bandwidth is predicted to continue growing exponentially and peaks due to unpredictable flash crowds are especially hard to cope with. Even worse, connectivity is inevitably disrupted when infrastructure breaks in natural or man-made disasters. In addition, connecting remote and developing regions is economically unprofitable, thus aggravating the (increasing) global digital divide. Opportunistic networks are envisioned to mitigate many of these problems. Mobile devices can use their infrastructure-less communication capabilities (e.g., WiFi Ad Hoc, WiFi Direct, Bluetooth), to disseminate data in a peer-to-peer manner. Whenever two devices are within radio transmission range (in contact), this is an opportunity to exchange data and a potential step towards providing a service. Hence, connectivity can be maintained, yet at the cost of increased delay. In making efficient use of contacts, opportunistic networking protocols (e.g., for routing, for content distribution) can benefit from the fact that contacts are not completely random, but structured by human behaviour in a social context. For example, it was shown that identifying clusters of people who see each other often can help find good message relays. Thus, to design efficient solutions, we need a thorough understanding of how human behaviour reflects in contacts (who meets whom, how often and for how long - by chance or intentionally) and methods to translate this understanding into efficient protocols. A promising approach in this direction is to represent the (social) structure in contacts as a contact graph, where nodes represent...

Read Exploiting the Social Structure of Human Mobility for Opportunistic Networks Online

Download PDF Exploiting the Social Structure of Human Mobility for Opportunistic Networks

Related Books

ځر

Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.

Save ePub »



Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting Skyhorse Publishing. Paperback / softback. Book Condition: new. BRAND NEW, Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting, Anna Glas, Ase Teiner, Malou Fickling, There are loads of books covering the basics of... Save ePub »



Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America. Createspace, United States, 2015. Paperback. Book Condition: New. 258 x 208 mm. Language: English . Brand New Book ***** Print on Demand *****.This isn t porn. Everyone always asks and some of our family thinks...

Save ePub »



Depression: Cognitive Behaviour Therapy with Children and Young People Taylor Francis Ltd, United Kingdom, 2009. Paperback. Book Condition: New. 242 x 174 mm. Language: English . Brand New Book. In recent years there has been an increase in research into childhood depression, and it...

Save ePub »



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. Save ePub »

Suite in E Major, Op. 63: Study Score Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed originally in four movements during 1907-08, Foote dropped the Theme Save eBook »
Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2 Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peter Rabbit: the Angry Owl - Read it Yourself with Ladybird: Level 2, Peter Rabbit: The Angry Owl Squirrel Nutkin has lost Old Brown's glasses and Save eBook »
Readers Clubhouse Set a Nick is Sick Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Carol Koeller (illustrator). 221 x 147 mm. Language: English . Brand New Book. This is volume three, Reading Level 1, in a comprehensive program Save eBook »
Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841 2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, Save eBook »
The Gingerbread Man - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; In this classic fairy tale, a little old woman makes a gingerbread man - but then he runs away! Is there anyone who can catch the gingerbread man? Read

Save eBook »