



Graph Theory Applications in Network Security

By Fernando Docemilli

GRIN Verlag Jun 2016, 2016. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Project Report from the year 2015 in the subject Computer Science - IT-Security, Central Queensland University (Theory Lab), language: English, abstract: Graph theory has become a very critical component in many applications in the computing field including networking and security. Unfortunately, it is also amongst the most complex topics to understand and apply. In this paper, we review some of the key applications of graph theory in network security. We first cover some algorithmic aspects, then present network coding and its relation to routing. The rapid growth in Global mobile communication networks demands new solutions for existing problems. Such problems include reduced bandwidth in mobile devices and the constant change in their associated network topologies. This creates a need for network algorithms with: 1. least possible communication traffic 2. High speed execution. The two challenges can be overcome by application of graph theory in developing local algorithms (Algorithms that require low rounds of communication). In this paper we explore applications of graph theory in cellular networks with an emphasis on the 'four-color' theorem and network coding and...



READ ONLINE
[6.08 MB]

Reviews

Good e-book and beneficial one. it absolutely was writtern quite flawlessly and beneficial. I am delighted to explain how this is basically the very best ebook i have read through within my very own daily life and may be he greatest ebook for at any time.

-- Prof. Leonardo Parker

This type of publication is every thing and taught me to searching ahead and more. It can be rally fascinating throgh reading through period of time. You can expect to like how the blogger write this pdf.

-- Dr. Jillian Champlin IV

See Also



Report from the Interior. Bericht aus dem Inneren, englische Ausgabe

London Faber & Faber Apr 2014, 2014. Taschenbuch. Book Condition: Neu. 176x111x23 mm. Neuware - ' In the beginning, everything was alive. The smallest objects were endowed with beating hearts . . . ' Having recalled his life through the story of...



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...



Report from the Interior

Faber & Faber. Paperback. Book Condition: new. BRAND NEW, Report from the Interior, Paul Auster, 'In the beginning, everything was alive. The smallest objects were endowed with beating hearts.' Having recalled his life through the story of his physical self in...



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...



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.