1. Record Nr. UNISALENTO991002021519707536

Autore	Sperner, Emanuel
Titolo	Einführung in die analytische Geometrie und Algebra / Emanuel Sperner
Pubbl/distr/stampa	Göttingen : Vandenhoeck und Ruprecht, 1969
Edizione	[7. Aufl.]
Descrizione fisica	2 v. : ill. ; 23 cm
Collana	Studia mathematica ; 1 Studia mathematica ; 6
Classificazione	AMS 51-01
Disciplina	516.5
Soggetti	Analytical geometry Algebra
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	V. I: 1969 ; v. II : 5. Aufl. 1963 Ex Libris Mario Lombardo
Nota di contenuto	Includes: Erster Teil ; Zweiter Teil

2. Record Nr. UNINA9910149461703321

Autore	Chen Shigang
Titolo	Traffic Measurement for Big Network Data / / by Shigang Chen, Min Chen, Qingjun Xiao
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VII, 104 p. 45 illus., 2 illus. in color.)
Collana	Wireless Networks, , 2366-1186
Disciplina	004.6
Soggetti	Electrical engineering Computer communication systems Application software Communications Engineering, Networks Computer Communication Networks Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Per-Flow Size Measurement -- Per-Flow Cardinality Measurement -- Persistent Spread Measurement.
Sommario/riassunto	This book presents several compact and fast methods for online traffic measurement of big network data. It describes challenges of online traffic measurement, discusses the state of the field, and provides an overview of the potential solutions to major problems. The authors introduce the problem of per-flow size measurement for big network data and present a fast and scalable counter architecture, called Counter Tree, which leverages a two-dimensional counter sharing scheme to achieve far better memory efficiency and significantly extend estimation range. Unlike traditional approaches to cardinality estimation problems that allocate a separated data structure (called estimator) for each flow, this book takes a different design path by viewing all the flows together as a whole: each flow is allocated with a virtual estimator, and these virtual estimators share a common memory space. A framework of virtual estimators is designed to apply the idea of sharing to an array of cardinality estimation solutions, achieving far

better memory efficiency than the best existing work. To conclude, the authors discuss persistent spread estimation in high-speed networks. They offer a compact data structure called multi-virtual bitmap, which can estimate the cardinality of the intersection of an arbitrary number of sets. Using multi-virtual bitmaps, an implementation that can deliver high estimation accuracy under a very tight memory space is presented. The results of these experiments will surprise both professionals in the field and advanced-level students interested in the topic. By providing both an overview and the results of specific experiments, this book is useful for those new to online traffic measurement and experts on the topic.