万略知识管理系统

学科导航4.0暨统一检索解决方案研讨会

WELCOME TO ESCAPE 2007 Hangzhou, China - April 7-9, 2007

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[摘要] With the Internet, bio-technology, video digital data processing, as well as global geometric data applications, the enormous dataset size has been pushing our limits in data processing. Both theoreticians and Practitioners are challenged to an extent that has never seen before. A growing pressure has been put on different experts, such as Computer Scientists, Combinatorics Experts, and Statisticians, dealing with their own large data processing problems, to reach out beyond their own disciplines, to search for ideas, methodologies, and tool boxes, to find better, faster and more accurate solutions.
[关键词] 中国运筹学会;*Combinatorics;Algorithms;Probabilistic;Experimental methodologies*.

With the Internet, bio-technology, video digital data processing, as well as global geometric data applications, the enormous dataset size has been pushing our limits in data processing. Both theoreticians and Practitioners are challenged to an extent that has never seen before. A growing pressure has been put on different experts, such as Computer Scientists, Combinatorics Experts, and Statisticians, dealing with their own large data processing problems, to reach out beyond their own disc

The inaugurational Symposium on Combinatorics, Algorithms, Probabilistic and Experimental methodologies (ESCAPE 2007), is intended to provide an interdisciplinary forum for researchers across their discipline boundaries to exchange their approaches, to foster innovative ideas as well as to develop commonly interested research agenda. The novelty of ESCAPE is to study practical large data processing problems with different, and eventually converging, methodolog

The program topics include but are not limited to: Algebraic computation and number theory Bioinformatics

Combinatorics and experimental design Corpus linguistics Financial data processing and analysis

Geometric information processing and communication Grid computing and network resource allocation

High performance computing techniques and applications Heuristic evaluation methodologies Internet algorithms and protocols

Large system scheduling methodologies Methodologies of simulation evaluation and applications

Parameterized algorithms, heuristics and analysis Probabilistic method and randomized algorithms Real time data processing and online algorithms

Robust optimization and simulation Sampling techniques in data analysis ESCAPE proceedings will be published by Springer-

Verlag, in the Lecture Notes in Computer Science Series (pending approval).

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