


[DOWNLOAD](#)


Flexible Text Searching

By Panagiotis D. Michailidis, Konstantinos G. Margaritis

Nova Science Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Flexible Text Searching, Panagiotis D. Michailidis, Konstantinos G. Margaritis, Exact and approximate string matching problem is a common and often repeated task in information retrieval and bioinformatics. As current free textual databases are growing almost exponentially with the time, the string matching problem is becoming more expensive in terms computational times. The authors believe that recent advances in parallel and distributed processing techniques are currently mature enough and can provide powerful computing means convenient for overcoming this string matching problem. In this book the authors present a short survey for well known sequential exact and approximate string searching algorithms. Further, the authors propose four text searching implementations onto general purpose parallel computer like a cluster of heterogeneous workstations using MPI message passing library. The first three parallel implementations are based on the static and dynamic master-worker methods. Further, the authors propose a hybrid parallel implementation that combines the advantages of static and dynamic parallel methods in order to reduce the load imbalance and communication overhead. Moreover, the authors present linear processor array architectures for flexible exact and approximate string matching. These architectures are based on parallel realisation of dynamic programming...



READ ONLINE
[5.07 MB]

Reviews

Great eBook and useful one. We have go through and i also am certain that i am going to likely to read through yet again once more in the foreseeable future. Your lifestyle period will likely be transform once you comprehensive looking over this book.

-- **Carter Haag**

This sort of pdf is every little thing and made me seeking forward and a lot more. This is certainly for all who statte that there was not a worth reading through. I found out this book from my dad and i recommended this publication to discover.

-- **Christopher Kozey**

Related Kindle Books



The Princess and the Frog - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; A kind frog helps a princess and she makes him a promise. What happens when the king tells her that she has keep her promise? Read it yourself with Ladybird is one of Ladybird's best-selling reading...



You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the fact that her mother winced a little...



Houdini's Gift

Independent Publishers Group (IPG) - Chicago Review Press, 2009. Hardcover. Book Condition: New. Revisiting well-loved characters from a past adventure, this picture book presents animal-loving Ben with the challenge of having another pet after losing his pet hamster. Knowing that Ben is...



Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner of a friendly dragon called Glow! But...



My Friend Has Down's Syndrome

Barron's Educational Series Inc.,U.S. Paperback. Book Condition: new. BRAND NEW, My Friend Has Down's Syndrome, Jennifer Moore-Mallinos, Younger children are normally puzzled when they encounter other kids who suffer from Down's Syndrome. Here is a heartwarming and reassuring story of how an...



Chaucer's Canterbury Tales

Walker. 1 Paperback(s), 2007. soft. Book Condition: New. Travel back to medieval England and join Geoffrey Chaucer's band of Canterbury pilgrims in this introduction to one of Britain's great literary treasuresone of Marcia Williams's puckish literary adaptations, illustrated with her abundantly detailed...