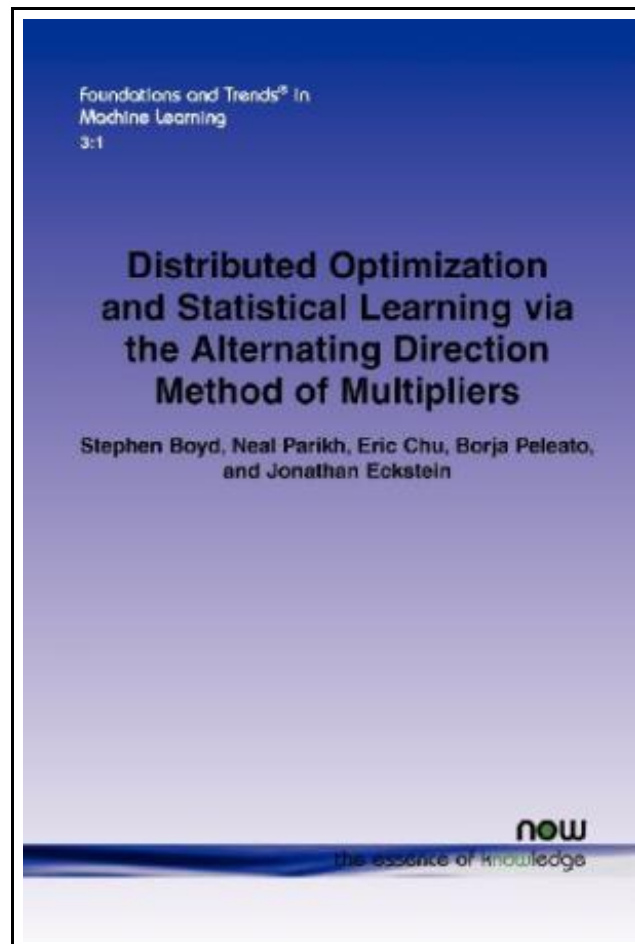# Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers

Filesize: 6.29 MB

Reviews

This kind of publication is every thing and got me to searching in advance and much more. It really is simplistic but surprises within the 50 percent from the ebook. I am easily could get a satisfaction of studying a composed publication.
(Orval Halvorson III)

DISTRIBUTED OPTIMIZATION AND STATISTICAL LEARNING VIA THE ALTERNATING DIRECTION METHOD OF MULTIPLIERS

To get **Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers** PDF, remember to access the button below and download the ebook or gain access to additional information which are have conjunction with DISTRIBUTED OPTIMIZATION AND STATISTICAL LEARNING VIA THE ALTERNATING DIRECTION METHOD OF MULTIPLIERS ebook.

Now Publishers Inc, United States, 2011. Paperback. Book Condition: New. 231 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****.Many problems of recent interest in statistics and machine learning can be posed in the framework of convex optimization. Due to the explosion in size and complexity of modern datasets, it is increasingly important to be able to solve problems with a very large number of features or training examples. As a result, both the decentralized collection or storage of these datasets as well as accompanying distributed solution methods are either necessary or at least highly desirable. Distributed Optimization and Statistical Learning via the Alternating Direction Method of Multipliers argues that the alternating direction method of multipliers is well suited to distributed convex optimization, and in particular to large-scale problems arising in statistics, machine learning, and related areas. The method was developed in the 1970s, with roots in the 1950s, and is equivalent or closely related to many other algorithms, such as dual decomposition, the method of multipliers, Douglas-Rachford splitting, Spingarn s method of partial inverses, Dykstra s alternating projections, Bregman iterative algorithms for l1 problems, proximal methods, and others. After briefly surveying the theory and history of the algorithm, it discusses applications to a wide variety of statistical and machine learning problems of recent interest, including the lasso, sparse logistic regression, basis pursuit, covariance selection, support vector machines, and many others. It also discusses general distributed optimization, extensions to the nonconvex setting, and efficient implementation, including some details on distributed MPI and Hadoop MapReduce implementations.

Read Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers Online

Download PDF Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers

Download ePUB Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers

See Also

[PDF] The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Follow the link beneath to download "The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)" file.

Read Document »

[PDF] Readers Clubhouse Set B Safe Streets

Follow the link beneath to download "Readers Clubhouse Set B Safe Streets" file.

Read Document »

[PDF] Learning with Curious George Preschool Math

Follow the link beneath to download "Learning with Curious George Preschool Math" file.

Read Document »

[PDF] Learning with Curious George Preschool Reading

Follow the link beneath to download "Learning with Curious George Preschool Reading" file.

Read Document »

[PDF] I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book

Follow the link beneath to download "I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book" file.

Read Document »

[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Follow the link beneath to download "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

Read Document »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 4: The Moon Jet (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 4: The Moon Jet (Hardback)" PDF file.

Save PDF »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Dolphin Rescue (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Dolphin Rescue (Hardback)" PDF file.

Save PDF »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)" PDF file.

Save PDF »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)" PDF file.

Save PDF »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Shops (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Shops (Hardback)" PDF file.

Save PDF »

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Ice City (Hardback)

Access the hyperlink beneath to get "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Ice City (Hardback)" PDF file.

Save PDF »