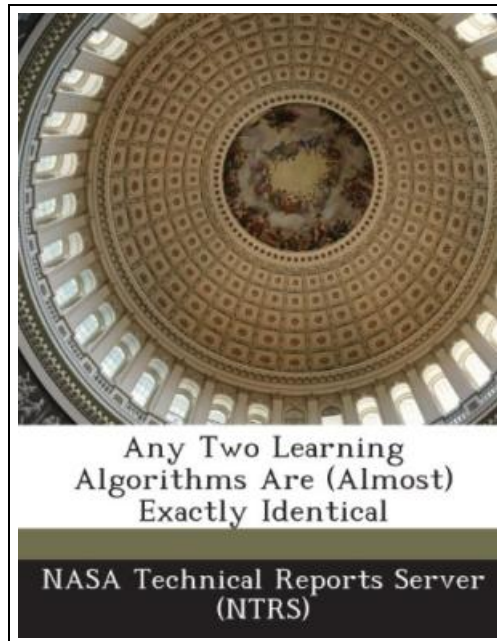


## Any Two Learning Algorithms Are (Almost) Exactly Identical



Filesize: 9.32 MB

### ***Reviews***

*This is basically the best publication i have got read through right up until now. Sure, it really is perform, still an amazing and interesting literature. Your life span will probably be convert once you full reading this article ebook.*  
*(Dr. Irma Welch)*

## ANY TWO LEARNING ALGORITHMS ARE (ALMOST) EXACTLY IDENTICAL

[DOWNLOAD](#)

Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This paper shows that if one is provided with a loss function, it can be used in a natural way to specify a distance measure quantifying the similarity of any two supervised learning algorithms, even non-parametric algorithms. Intuitively, this measure gives the fraction of targets and training sets for which the expected performance of the two algorithms differs significantly. Bounds on the value of this distance are calculated for the case of binary outputs and 0-1 loss, indicating that any two learning algorithms are almost exactly identical for such scenarios. As an example, for any two algorithms A and B, even for small input spaces and training sets, for less than  $2e(-50)$  of all targets will the difference between As and Bs generalization performance of exceed 1. In particular, this is true if B is bagging applied to A, or boosting applied to A. These bounds can be viewed alternatively as telling us, for example, that the simple English phrase I expect that algorithm A will generalize from the training set with an accuracy of at least 75 on the rest of the target conveys 20, 000 bytes of information concerning the target. The paper ends by discussing some of the subtleties of extending the distance measure to give a full (non-parametric) differential geometry of the manifold of learning algorithms. This item ships from La Vergne, TN. Paperback.

[Read Any Two Learning Algorithms Are \(Almost\) Exactly Identical Online](#)[Download PDF Any Two Learning Algorithms Are \(Almost\) Exactly Identical](#)

## Related Books



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download Document »](#)



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download Document »](#)



**When Life Gives You Lemons. at Least You Won t Get Scurvy!: Making the Best of the Crap Life Gives You**

Createspace Independent Publishing Platform, United States, 2013. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A collection of stories and essays that give food for...

[Download Document »](#)



**Why Is Mom So Mad?: A Book about Ptsd and Military Families**

Tall Tale Press, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The children s issues picture book Why Is Mom So Mad?...

[Download Document »](#)



**Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)**

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Download Document »](#)

**Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph**

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!

[Save ePub »](#)

**History of the Town of Sutton Massachusetts from 1704 to 1876**

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This version of the History of the Town of Sutton Massachusetts

[Save ePub »](#)

**Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Save ePub »](#)

**Sport is Fun (Red B) NF**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Sport is Fun (Red B) NF, Dianne Irving, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and

[Save ePub »](#)

**How Your Baby Is Born by Amy B Tuteur 1994 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Save ePub »](#)