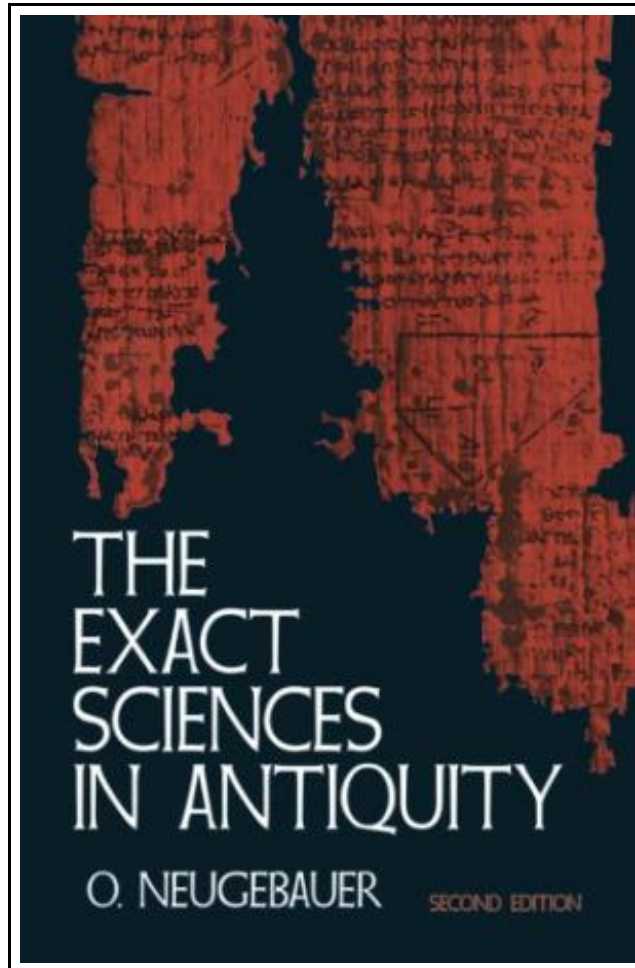


The Exact Sciences in Antiquity



Filesize: 1.48 MB

Reviews

An extremely wonderful publication with lucid and perfect reasons. It typically will not expense too much. You are going to like the way the blogger compose this publication.

(Prof. Maya Hand)

THE EXACT SCIENCES IN ANTIQUITY



To read **The Exact Sciences in Antiquity** PDF, remember to click the button listed below and save the file or have accessibility to additional information that are in conjunction with THE EXACT SCIENCES IN ANTIQUITY ebook.

Dover Publications Inc., United States, 1969. Paperback. Book Condition: New. New impression. 208 x 137 mm. Language: English . Brand New Book. Based on a series of lectures delivered at Cornell University in the fall of 1949, and since revised, this is the standard non-technical coverage of Egyptian and Babylonian mathematics and astronomy, and their transmission to the Hellenistic world. Entirely modern in its data and conclusions, it reveals the surprising sophistication of certain areas of early science, particularly Babylonian mathematics. After a discussion of the number systems used in the ancient Near East (contrasting the Egyptian method of additive computations with unit fractions and Babylonian place values), Dr. Neugebauer covers Babylonian tables for numerical computation, approximations of the square root of 2 (with implications that the Pythagorean Theorem was known more than a thousand years before Pythagoras), Pythagorean numbers, quadratic equations with two unknowns, special cases of logarithms and various other algebraic and geometric cases. Babylonian strength in algebraic and numerical work reveals a level of mathematical development in many aspects comparable to the mathematics of the early Renaissance in Europe. This is in contrast to the relatively primitive Egyptian mathematics. In the realm of astronomy, too, Dr. Neugebauer describes an unexpected sophistication, which is interpreted less as the result of millennia of observations (as used to be the interpretation) than as a competent mathematical apparatus. The transmission of this early science and its further development in Hellenistic times is also described. An Appendix discusses certain aspects of Greek astronomy and the indebtedness of the Copernican system to Ptolemaic and Islamic methods. Dr. Neugebauer has long enjoyed an international reputation as one of the foremost workers in the area of premodern science. Many of his discoveries have revolutionized earlier understandings. In this volume he presents a non-technical survey, with...



[Read The Exact Sciences in Antiquity Online](#)



[Download PDF The Exact Sciences in Antiquity](#)



[Download ePub The Exact Sciences in Antiquity](#)

You May Also Like



[PDF] Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time

Click the link listed below to download "Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time" document.

[Download ePub »](#)



[PDF] Ideology of Death: Why the Holocaust Happened in Germany

Click the link listed below to download "Ideology of Death: Why the Holocaust Happened in Germany" document.

[Download ePub »](#)



[PDF] The Curse of the Translucent Monster! (in Color): Warning: Not a Kids Story!!

Click the link listed below to download "The Curse of the Translucent Monster! (in Color): Warning: Not a Kids Story!!" document.

[Download ePub »](#)



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

Click the link listed below to download "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" document.

[Download ePub »](#)



[PDF] Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Click the link listed below to download "Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)" document.

[Download ePub »](#)



[PDF] Comic Illustration Book For Kids With Dog Farts FART BOOK Blaster Boomer Slammer Popper, Banger Volume 1 Part 1

Click the link listed below to download "Comic Illustration Book For Kids With Dog Farts FART BOOK Blaster Boomer Slammer Popper, Banger Volume 1 Part 1" document.

[Download ePub »](#)

**[PDF] Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale**

Click the link beneath to get "Read Write Inc. Phonics: Blue Set 6 Non-Fiction 1 Save the Whale" PDF document.

[Download ePub »](#)

**[PDF] The Magical Animal Adoption Agency Book 2: The Enchanted Egg**

Click the link beneath to get "The Magical Animal Adoption Agency Book 2: The Enchanted Egg" PDF document.

[Download ePub »](#)

**[PDF] Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat**

Click the link beneath to get "Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat" PDF document.

[Download ePub »](#)

**[PDF] The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3**

Click the link beneath to get "The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3" PDF document.

[Download ePub »](#)

**[PDF] Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)**

Click the link beneath to get "Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)" PDF document.

[Download ePub »](#)

**[PDF] Growing Up: From Baby to Adult High Beginning Book with Online Access**

Click the link beneath to get "Growing Up: From Baby to Adult High Beginning Book with Online Access" PDF document.

[Download ePub »](#)