



Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya

Dick Teresi

Download now

Read Online →

[Click here](#) if your download doesn't start automatically

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya

Dick Teresi

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya Dick Teresi

"Lost Discoveries," Dick Teresi's innovative history of science, explores the unheralded scientific breakthroughs from peoples of the ancient world -- Babylonians, Egyptians, Indians, Africans, New World and Oceanic tribes, among others -- and the non-European medieval world. They left an enormous heritage in the fields of mathematics, astronomy, cosmology, physics, geology, chemistry, and technology. The mathematical foundation of Western science is a gift from the Indians, Chinese, Arabs, Babylonians, and Maya. The ancient Egyptians developed the concept of the lowest common denominator, and they developed a fraction table that modern scholars estimate required 28,000 calculations to compile. The Babylonians developed the first written math and used a place-value number system. Our numerals, 0 through 9, were invented in ancient India; the Indians also boasted geometry, trigonometry, and a kind of calculus. Planetary astronomy as well may have begun with the ancient Indians, who correctly identified the relative distances of the known planets from the sun, and knew the moon was nearer to the earth than the sun was. The Chinese observed, reported, dated, recorded, and interpreted eclipses between 1400 and 1200 b.c. Most of the names of our stars and constellations are Arabic. Arabs built the first observatories. Five thousand years ago, the Sumerians said the earth was circular. In the sixth century, a Hindu astronomer taught that the daily rotation of the earth on its axis provided the rising and setting of the sun. Chinese and Arab scholars were the first to use fossils scientifically to trace earth's history. Chinese alchemists realized that most physical substances were merely combinations of other substances, which could be mixed in different proportions. Islamic scholars are legendary for translating scientific texts of many languages into Arabic, a tradition that began with alchemical books. In the eleventh century, Avicenna of Persia divined that outward qualities of metals were of little value in classification, and he stressed internal structure, a notion anticipating Mendeleev's periodic chart of elements. Iron suspension bridges came from Kashmir, printing from India; papermaking was from China, Tibet, India, and Baghdad; movable type was invented by Pi Sheng in about 1041; the Quechuan Indians of Peru were the first to vulcanize rubber; Andean farmers were the first to freeze-dry potatoes. European explorers depended heavily on Indian and Filipino shipbuilders, and collected maps and sea charts from Javanese and Arab merchants. The first comprehensive, authoritative, popularly written, multicultural history of science, "Lost Discoveries" fills a crucial gap in the history of science.

 [Download Lost Discoveries : The Ancient Roots of Modern Science- ...pdf](#)

 [Read Online Lost Discoveries : The Ancient Roots of Modern Scienc ...pdf](#)

Download and Read Free Online Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya Dick Teresi

Download and Read Free Online Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya Dick Teresi

From reader reviews:

Joshua Orvis:

Do you have favorite book? In case you have, what is your favorite's book? Book is very important thing for us to learn everything in the world. Each e-book has different aim or perhaps goal; it means that reserve has different type. Some people feel enjoy to spend their time for you to read a book. They are really reading whatever they consider because their hobby is actually reading a book. What about the person who don't like examining a book? Sometime, individual feel need book after they found difficult problem as well as exercise. Well, probably you should have this Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya.

Gerald Chisholm:

As people who live in the actual modest era should be up-date about what going on or details even knowledge to make them keep up with the era that is always change and move forward. Some of you maybe can update themselves by reading through books. It is a good choice for yourself but the problems coming to you actually is you don't know which one you should start with. This Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya is our recommendation to cause you to keep up with the world. Why, as this book serves what you want and need in this era.

Bradley Harshbarger:

The publication with title Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya includes a lot of information that you can understand it. You can get a lot of benefit after read this book. This kind of book exist new information the information that exist in this reserve represented the condition of the world now. That is important to yo7u to understand how the improvement of the world. This kind of book will bring you within new era of the syndication. You can read the e-book on the smart phone, so you can read the idea anywhere you want.

Pearl Moore:

In this era globalization it is important to someone to find information. The information will make a professional understand the condition of the world. The healthiness of the world makes the information easier to share. You can find a lot of recommendations to get information example: internet, classifieds, book, and soon. You will see that now, a lot of publisher which print many kinds of book. Typically the book that recommended to you personally is Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya this reserve consist a lot of the information from the condition of this world now. That book was represented just how can the world has grown up. The terminology styles that writer make usage of to explain it is easy to understand. The writer made some investigation when he makes this book. Here is why this book acceptable all of you.

**Download and Read Online Lost Discoveries : The Ancient Roots of
Modern Science--from the Babylonians to the Maya Dick Teresi
#3ASU6I10JMW**

Read Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi for online ebook

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi books to read online.

Online Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi ebook PDF download

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi Doc

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi Mobipocket

Lost Discoveries : The Ancient Roots of Modern Science--from the Babylonians to the Maya by Dick Teresi EPub