



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

By Dick Teresi

Download now

Read Online ➔

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

Boldly challenging conventional wisdom, acclaimed science writer and Omni magazine cofounder Dick Teresi traces the origins of contemporary science back to their ancient roots in an eye-opening account and landmark work.

This innovative history proves once and for all that the roots of modern science were established centuries, and in some instances millennia, before the births of Copernicus, Galileo, and Newton. In this enlightening, entertaining, and important book, Teresi describes many discoveries from all over the non-Western world -- Sumeria, Babylon, Egypt, India, China, Africa, Arab nations, the Americas, and the Pacific islands -- that equaled and often surpassed Greek and European learning in the fields of mathematics, astronomy, cosmology, physics, geology, chemistry, and technology.

The first extensive and authoritative multicultural history of science written for a popular audience, *Lost Discoveries* fills a critical void in our scientific, cultural, and intellectual history and is destined to become a classic in its field.

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

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

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

By Dick Teresi

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

Boldly challenging conventional wisdom, acclaimed science writer and Omni magazine cofounder Dick Teresi traces the origins of contemporary science back to their ancient roots in an eye-opening account and landmark work.

This innovative history proves once and for all that the roots of modern science were established centuries, and in some instances millennia, before the births of Copernicus, Galileo, and Newton. In this enlightening, entertaining, and important book, Teresi describes many discoveries from all over the non-Western world -- Sumeria, Babylon, Egypt, India, China, Africa, Arab nations, the Americas, and the Pacific islands -- that equaled and often surpassed Greek and European learning in the fields of mathematics, astronomy, cosmology, physics, geology, chemistry, and technology.

The first extensive and authoritative multicultural history of science written for a popular audience, *Lost Discoveries* fills a critical void in our scientific, cultural, and intellectual history and is destined to become a classic in its field.

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

- Sales Rank: #1149647 in Books
- Brand: Brand: Simon n Schuster
- Published on: 2003-10-07
- Released on: 2003-10-07
- Original language: English
- Number of items: 1
- Dimensions: 8.44" h x 1.20" w x 5.50" l, .95 pounds
- Binding: Paperback
- 464 pages

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

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

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

Editorial Review

Amazon.com Review

Did Nicolas Copernicus steal his notion that the earth orbited the sun from an Islamic astronomer who lived three centuries earlier? "The jury is still out," writes Dick Teresi, whose intriguing survey of the non-Western roots of modern science offers several worthy arguments that Copernicus in fact ripped off Nasir al-Din al-Tusi. Common belief is that Westerners have been the mainspring of most scientific and technical achievement, but in *Lost Discoveries* Teresi shows that other cultures had arrived at much of the same knowledge at earlier dates. The Babylonians were using the Pythagorean theorem at least 15 centuries before Pythagoras drew his first triangle, and in A.D. 200 a Chinese mathematician calculated an incredibly accurate value for pi. The Mayans and other Mesoamericans were outstanding sky watchers and stargazers. The greatest advances occurred in math and astronomy, though Teresi also devotes chapters to physics, geology, chemistry, technology, and even cosmology. Sometimes he is a bit overeager to ascribe great thoughts to long-dead people (he casually suggests that "many ancient cultures had inklings of quantum theory"), but on the whole his book is a reliable and fascinating guide to the unexplored field of multicultural science. --*John J. Miller*

From Publishers Weekly

Science journalist Teresi (coauthor of *The God Particle*) has combed the literature to catalogue the scientific advances made by early non-Western societies and to determine their impact on Western science. His work spans millennia and encompasses the full extent of the globe. He points out, for example, that five millennia ago the Sumerians concluded that the earth was round. He also provides information on cultures of the Middle East, India, China, Africa and Oceania, as well as a host of New World cultures, predominately those of Mesoamerica. Throughout, readers learn that scientific knowledge of various sorts in diverse forms has been a part of all cultures. In chapters on mathematics, astronomy, cosmology, physics, geology, chemistry and technology, Teresi makes a convincing argument that Western science has often been indebted to advances made elsewhere (mineralogy was studied in Africa as early as 5000 B.C.). Teresi is at his strongest in the section on mathematics, where he discusses the evolution of Arabic numerals from the ancient Indians and the earliest conceptualizations of zero and infinity. Much less compelling are his assertions that early societies foreshadowed the ideas of quantum mechanics. Although a bit uneven, Teresi offers a great deal of fascinating material largely ignored by many histories of science.

Copyright 2002 Reed Business Information, Inc.

From Library Journal

What a terrific read! Teresi, a reviewer, essayist, and cofounder of *Omni* magazine, brings to light the many fascinating advances made by ancient, non-Western cultures. If you think that modern science is rooted in the golden age of Greece, you owe it to yourself to read his book. Supported by exhaustive research and a board of expert advisers, the author details the rich intellectual gifts from peoples whose histories are often neglected by our Eurocentric culture. He explores important contributions in the areas of mathematics, astronomy, cosmology, physics, geology, chemistry, and technology made by Pacific Islanders, Africans, Chinese, Indians, Arabs, and others. While it is an excellent multidisciplinary text for college-level classes, Teresi's work will also appeal to readers interested in science and intrigued by cultural histories. Extensive notes and a selected bibliography are organized by discipline. A wonderful addition to both academic and public libraries. Denise Hamilton, Franklin Pierce Coll. Lib., Rindge, NH

Copyright 2002 Reed Business Information, Inc.

Users Review

From reader reviews:

Maureen Perdue:

This Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya are generally reliable for you who want to be a successful person, why. The main reason of this Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya can be one of the great books you must have is actually giving you more than just simple examining food but feed anyone with information that might be will shock your earlier knowledge. This book is definitely handy, you can bring it everywhere and whenever your conditions throughout the e-book and printed types. Beside that this Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya giving you an enormous of experience for instance rich vocabulary, giving you trial run of critical thinking that we all know it useful in your day pastime. So , let's have it and luxuriate in reading.

Susan Arnold:

The book Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya will bring someone to the new experience of reading the book. The author style to clarify the idea is very unique. When you try to find new book to see, this book very appropriate to you. The book Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya is much recommended to you to learn. You can also get the e-book through the official web site, so you can more readily to read the book.

Ralph McClure:

Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya can be one of your nice books that are good idea. Many of us recommend that straight away because this book has good vocabulary which could increase your knowledge in vocab, easy to understand, bit entertaining but nonetheless delivering the information. The copy writer giving his/her effort to set every word into joy arrangement in writing Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya yet doesn't forget the main stage, giving the reader the hottest along with based confirm resource information that maybe you can be one among it. This great information may drawn you into brand-new stage of crucial imagining.

Amy Lewis:

Many people spending their time frame by playing outside together with friends, fun activity together with family or just watching TV all day long. You can have new activity to invest your whole day by reading through a book. Ugh, do you consider reading a book can actually hard because you have to bring the book everywhere? It okay you can have the e-book, having everywhere you want in your Cell phone. Like Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya which is getting the e-book version. So , try out this book? Let's notice.

**Download and Read Online Lost Discoveries: The Ancient Roots of
Modern Science--from the Babylonians to the Maya By Dick Teresi
#L9IMF2ST64W**

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

L9IMF2ST64W: Lost Discoveries: The Ancient Roots of Modern Science--from the Babylonians to the Maya By Dick Teresi