

# Astronomy And Astrology In The Works Of Abraham Ibn Ezra

Marriage and Divorce of Astronomy and Astrology: A History of Astral Prediction from Antiquity to Newton  
 Astrology to Astronomy - The Study of the Night Sky from Ptolemy to Copernicus - With Biographies and Illustrations  
 Planetary Theories During the Golden Age of Islam  
 Astronomy and Astrology in Al-Andalus and the Maghrib  
 Simplified Astronomy for Astrologers  
 History of Astrology  
 Madame Clairevoyant's Guide to the Stars  
 Astrology Activated  
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 Unveiling the Science of the Stars as a Science of Reincarnation and Karma  
 Astrological Revolution  
 Misconceptions and Misuses Revealed, from Astrology to the Moon Landing "Hoax"  
 The Astronomy and Astrology of the Babylonians  
 A Scheme of Heaven: The History of Astrology and the Search for our Destiny in Data  
 Towards a New Wisdom of the Stars  
 Astronomy and Astrology in the Islamic World  
 A Scientific Evaluation  
 Bad Astronomy  
 The History of Non-Western Astronomy  
 Astronomy and Astrology in Marsh's Library : an Exhibition  
 The Stars and the State  
 Astronomy and Astrology  
 Astronomy and Astrology in the Medieval Islamic World  
 Finding a Relationship to the Cosmos  
 Astrology and Cosmology in the World's Religions  
 Hellenistic Astronomy  
 Pluto  
 Astrology, Our Icons, and Our Selves  
 The Science in Its Contexts  
 A Companion to Byzantine Science  
 Astronomy and Astrology of the Babylonians  
 The Vedic Astronomy & Astrology Through Science, Wisdom and Commonsense  
 Cutting Edge Insight Into the Ancient Art of Astrology (Understanding Zodiac Signs and Horoscopes)  
 "What is the Stars?"  
 Astrology and Astronomy  
 Religion, Learning and Science in the 'Abbasid Period  
 Celtic Astrology from the Druids to the Middle Ages  
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 Hermetic Astrology  
 Astrology and Astronomy

*Astronomy And Astrology  
 In The Works Of  
 Abraham Ibn Ezra*

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## **BARRERA HERRERA**

*Marriage and Divorce of Astronomy and  
 Astrology: A History of Astral Prediction  
 from Antiquity to Newton Brill's*

Companions to Classica  
 It was the astronomers and  
 mathematicians of the Islamic world who  
 provided the theories and concepts that  
 paved the way from the geocentric  
 theories of Claudius Ptolemy in the second  
 century AD to the heliocentric  
 breakthroughs of Nicholas Copernicus and  
 Johannes Kepler in the sixteenth and  
 seventeenth centuries. Algebra, the Arabic  
 numeral system, and trigonometry: all

these and more originated in the Muslim  
 East and undergirded an increasingly  
 accurate and sophisticated understanding  
 of the movements of the Sun, Moon, and  
 planets. This nontechnical overview of the  
 Islamic advances in the heavenly sciences  
 allows the general reader to appreciate  
 (for the first time) the absolutely crucial  
 role that Muslim scientists played in the  
 overall development of astronomy and  
 astrology in the Eurasian world.

*Astrology to Astronomy - The Study of the  
 Night Sky from Ptolemy to Copernicus -  
 With Biographies and Illustrations*  
 Edinburgh University Press

This is the second edition of the originally  
 published 'Vedic astronomy and astrology  
 through science, wisdom and

commonsense' by the author in 2014. This  
 is the magnum opus of nearly ten years of  
 my leisure-time research done on  
 astrology and Vedic astronomy since  
 2011. Many topics of the first edition have  
 been revised and rewritten. A new topic on  
 the date of the Mahabharata war has been  
 added. The book contains original and  
 philosophical thoughts of the author on  
 many topics in astrology and Vedic  
 astronomy that have been understood  
 wrongly and/or incompletely and /or not at  
 all to date. The first chapter deals with  
 how astrology works. This question has  
 been bewildering to the both astrologers  
 and non-astrologers. The author explains  
 this issue in a novel and interesting way  
 through Buddhism and science. In the

second chapter issues related to Rahu-Ketu like the true vs. mean nodes, exaltation, debilitation and own signs, aspects etc. have been resolved. The confusion about tropical and sidereal astrology is addressed and sorted out in the third chapter. In the fourth chapter, the sidereal-seasonal year is explained. This term has been coined by the author. The 5th chapter is on the Ayanamsha, Chaturyuga and the beginning of Saka era. The reader will read in the sixth and seventh chapters that the Yuga concept of the Surya Siddhanta and the Aryabhatiya is one and the same, and it is not Kaliyuga at present. These thoughts are completely opposite to the current belief. The meaning of the Ayana Chalana verses of the Surya Siddhanta is explained in the chapter eight. It also describes the Vedic epochs, seasonal lunar/solar months and synodic lunar months. The Rashi based solar months are not Vedic. The extra months (Adhika Masa) and lost months (Kshaya Masa) as well as the ordinary months are not correctly named in the current calendar. This resulted in celebrating the Vesak festival on wrong dates in April month in 2018. The correct method is explained in chapter nine to avoid mishaps in the future. The chapter 10 on the date of the Mahabharata war is newly added. The correct date has been established beyond doubt. This question remained unanswered and guessed so far. The approach of the author to resolve this issue is unique. So far, researchers used the astronomical events to guess the date. The author discovers the date first and uses the discovered date to prove (sometimes inaccuracies of the translation) the astronomical events mentioned in the epic Mahabharata. The date of birth and the horoscope of Sri Krishna are also included in chapter 10. In the eleventh chapter, the theories behind the Saptarishis calendar and its uses in the past have been explained. The chapters 12 and 13, deal with purely astrological topics that have been incompletely understood so far (Graha Yuddha and Charakaraka system). The logical rules to find the winner of a planetary fight are explained in chapter 12. Why Matrukaraka and Pitrukaraka should be combined rather than the Matrukaraka and Putrukaraka is explained in chapter 13. One of the most interesting topics in the book is the one in chapter 14 dealing with the archaeological dates of the Gautama the Buddha. A novel (may be unscientific to many) approach has been taken to resolve the correct date. There are many curious things to read and think in this text for both the ordinary and expert readers in the

subjects of astrology, astronomy and archaeoastronomy. Hope this text would pave a new path to the way how people look, think and act.

#### **Planetary Theories During the Golden Age of Islam** McFarland

This is the first edition of the previously published 'Vedic astronomy and astrology through science, wisdom and commonsense' by the author in 2014. Many topics have been revised and rewritten. Several new topics have also been added. The book contains original and philosophical thoughts of the author on many topics in astrology and Vedic astronomy that are understood wrongly and/or incompletely so far. The first chapter deals with how astrology works and not. This question has been bewildering to the both astrologers and non-astrologers. The author explains this issue in a novel and interesting way through Buddhism and science. The other chapters also deal with the topics of similar nature. This includes tropical zodiac vs. sidereal zodiac and true vs. mean Rahu in astrology. These are hitherto unanswered questions. The author has unequivocally explained why tropical zodiac is not scientific and why it is the Mean Node that is to be followed for astrological purposes. The author also resolves the topic on Ayanamsha. The author has tested the new Ayanamsha in practice, and found to be accurate and safe. He points out many flaws in the current use of Vedic astronomy, including the uncertainties of the Saptarishis calendar and the existing Vedic calendar. Quoting from the ancient astronomical and astrological texts, he has pointed out where the things have gone wrong and how to rectify. The new principles, perhaps rediscovered by the author, on Graha Yuddha and Charakaraka scheme are worth exploring. One of the most interesting topics is the one at the end dealing with the archaeological dates of the Gautama the Buddha. He has endeavoured to take a novel (may be unscientific to many) approach to resolve the correct date. There are many curious things to read and think in this text for both ordinary and expert readers in the subjects of astrology, astronomy and archaeoastronomy. Hope this text would pave a new path to the way people look and think.

#### **Astronomy and Astrology in Al-Andalus and the Maghrib** Cambridge University Press

Offers a critical look at the claims made for astrology, discusses the reasons for its popularity, and evaluates the predictions of astrologers

#### **Simplified Astronomy for Astrologers**

B. S. H. Indrasena

Like the prostrate pilgrim on the front cover—with his head protruding through the vault of heaven to discern the working of the cosmos—humanity has for many centuries employed astrology to penetrate the mystery of the stars' relationship to human destiny. Based on decades of research into both astrological reincarnation and the history of astronomy/astrology, *The Astrological Revolution* unfolds this mystery. The reader is invited to call into question the basis of modern astrology. This basis, the tropical zodiac, emerged through Greek astronomers from what was originally a calendar dividing the year into twelve solar months. The fact that ninety-eight percent of Western astrologers use the tropical zodiac means that contemporary Western astrology is based on a calendar system that does not reflect the actual location of the planets against the background of the starry heavens. In other words, most astrologers in the West are practicing a form of astrology that no longer embodies the reality of the stars. What is needed to bring astrology (which means the "science of the stars") back into alignment with the stars in the heavens? The first step in an astrological revolution that leads to true astrology is to recognize the sidereal zodiac (sidereal meaning "related to the stars"). In antiquity, the Babylonians, Egyptians, Greeks, Romans, and Hindus used the sidereal zodiac, and today Hindu (Vedic) astrologers still use the sidereal zodiac. Based on recognition—through the newly discovered rules of astrological reincarnation, that the sidereal zodiac presents an authentic astrological zodiac—a new practice of astrology is possible that offers tools to reestablish a wisdom-filled astrology in the modern world. This new astrology, based on the sidereal zodiac, is similar to the classic sidereal form but in a modern form, as that practiced by the three magi, who—prompted by the stars—journeyed to Bethlehem two thousand years ago. Drawing on specific biographical examples, *The Astrological Revolution* reveals new understandings of how the starry heavens work into human destiny. For instance, the book demonstrates the newly discovered rules of astrological reincarnation through the previous incarnations of composer Franz Schubert and his patron Joseph von Spaun—respectively, the Sultan of Morocco, Abu Yusuf Ya'qub, and his erstwhile enemy, Alfonso X, the Castilian King known as "El Sabio" (the Learned), along with their sidereal horoscopes.

Rudolf Steiner's biography is also considered in relation to the sidereal zodiac and the rules of astrological reincarnation. After reestablishing the sidereal zodiac as a basis for astrology that penetrates the mystery of the stars' relationship to human destiny, the reader is invited to discover the astrological significance of the totality of the vast sphere of stars surrounding the Earth. The Astrological Revolution points to the astrological significance of the entire celestial sphere, including all the stars and constellations beyond the twelve zodiacal signs. This discovery is revealed by studying the megastars, the most luminous stars of our galaxy, illustrating how megastars show up in an extraordinary way in Christ's healing miracles by aligning with the Sun at the time of those miraculous events. The Astrological Revolution thus offers a spiritual—yet scientific—path of building a new relationship to the stars.

#### **History of Astrology** North Atlantic Books

"In Hellenistic Astronomy: The Science in its Contexts, new essays by renowned scholars address questions about what the ancient science of the heavens was in the ancient Near East and Mediterranean worlds, and the numerous contexts in which it was pursued. Together, these essays will enable readers not only to understand the technical accomplishments of this ancient science but also to appreciate their historical significance by locating the questions, challenges, and issues inspiring them in their political, medical, philosophical, literary, and religious contexts"--

#### Madame Clairevoyant's Guide to the Stars Read Books Ltd

A History of Arabic Astronomy is a comprehensive survey of Arabic planetary theories from the eleventh century to the fifteenth century based on recent manuscript discoveries. George Saliba argues that the medieval period, often called a period of decline in Islamic intellectual history, was scientifically speaking, a very productive period in which astronomical theories of the highest order were produced. Based on the most recent manuscript discoveries, this book broadly surveys developments in Arabic planetary theories from the eleventh century to the fifteenth. Taken together, the primary texts and essays assembled in this book reverse traditional beliefs about the rise and fall of Arabic science, demonstrating how the traditional "age of decline" in Arabic science was indeed a "Golden Age" as far as astronomy was concerned. Some of the techniques and

mathematical theorems developed during this period were identical to those which were employed by Copernicus in developing his own non-Ptolemaic astronomy. Significantly, this volume will shed much-needed light on the conditions under which such theories were developed in medieval Islam. It clearly demonstrates the distinction that was drawn between astronomical activities and astrological ones, and reveals, contrary to common perceptions about medieval Islam, the accommodation that was obviously reached between religion and astronomy, and the degree to which astronomical planetary theories were supported, and at times even financed, by the religious community itself. This in stark contrast to the systematic attacks leveled by the same religious community against astrology. To students of European intellectual history, the book reveals the technical relationship between the astronomy of the Arabs and that of Copernicus. Saliba's definitive work will be of particular interest to historians of Arabic science as well as to historians of medieval and Renaissance European science.

#### **Astrology Activated** Literary Licensing, LLC

This is the first book entirely devoted to Byzantine science, with essays by distinguished scholars offering the most comprehensive and up-to-date history of the field currently available, and aiming to position the field in broader scholarly conversations.

Astronomy and Astrology in Al-Andalus and the Maghrib Independently Published  
Alchemy is an idea based on superstition and philosophical global traditions spanning hundreds of years. Alchemists made medicines and pharmaceuticals from the earth's materials and purified objects through philosophy, magic, and spirituality. Chemistry is based on the material principles of mixed bodies, and spans all natural or physical sciences in its practices. This book on alchemy and chemistry shows the scientific method at work and proves and disproves the subjects at hand. It explores a branch of modern science or a major scientific milestone, comparing and contrasting it with an older idea that has been proved wrong or fails to meet the strict and studied standards of science.

**Unveiling the Science of the Stars as a Science of Reincarnation and Karma** Springer Science & Business Media  
Writings in learned subjects from the period eighth to thirteenth centuries, AD.  
**Astrological Revolution** HarperCollins  
The studies in this collection are based on

previously unexploited manuscript sources in Arabic and Persian, written by authors from the 9th through to the 15th centuries, whose locations reached from south China in the east through Central Asia, the Mid  
Misconceptions and Misuses Revealed, from Astrology to the Moon Landing "Hoax" CreateSpace  
Pliny wrote of Babylon that "here the creator of the science of astronomy was". Excavations have shown this statement to be true. This book argues that the earliest attempts at the accurate prediction of celestial phenomena are indeed to be found in clay tablets dating to the 8th and 7th centuries BC from both Babylon and from Nineveh. The author carefully situates this astronomy within its cultural context, treating all available material from the relevant period, and also analysing the earlier astrological material and the later well-known ephemerides and related texts. A wholly new approach to cuneiform astral concerns emerges - one in which both celestial divination and the later astronomy are shown to be embedded in a prevailing philosophy dealing with the ideal nature of the early universe, and in which the dynamics of the celestial divination industry that surrounded the last Assyrian monarchs account for no less than the first recorded "scientific revolution". This work closely adheres to the original textual sources, and argues for the evolution on the basis of the needs of the ancient scholars and the internal logic of the divinatory and predictive systems employed. To this end, it offers, for the first time, a Mesopotamian contribution to the philosophy, and not only the history, of science.

#### **The Astronomy and Astrology of the Babylonians** SteinerBooks

An in-depth treatment of astronomical factors which bear most heavily on astrological interpretation.  
*A Scheme of Heaven: The History of Astrology and the Search for our Destiny in Data* University-Press.org  
Scores of signs, seals, and symbols — from the simplest drawings of heavenly bodies to the intriguing signs of the zodiac — recorded here by two of the world's foremost experts in the field of graphic art. Amassed from Far Eastern, medieval, and other sources, more than 400 extraordinary illustrations depict the planets, Milky Way, ancient and modern constellations, comets and meteors, asteroids, and other galactic marvels. As enchanting to browse through as a rare, old manuscript, this unique, royalty-free compendium will serve as a multipurpose reference of striking designs for artists and

designers. It also offers a glimpse of some of the folklore of primitive astronomy and astrology.

*Towards a New Wisdom of the Stars* W. W. Norton & Company

An illuminating look at the surprising history and science of astrology, civilization's first system of algorithms, from Babylon to the present day. Humans are pattern-matching creatures, and astrology is the universe's grandest pattern-matching game. In this refreshing work of history and analysis, data scientist Alexander Boxer examines classical texts on astrology to expose its underlying scientific and mathematical framework. Astrology, he argues, was the ancient world's most ambitious applied mathematics problem, a monumental data-analysis enterprise sustained by some of history's most brilliant minds, from Ptolemy to al-Kindi to Kepler. Thousands of years ago, astrologers became the first to stumble upon the powerful storytelling possibilities inherent in numerical data. To correlate the configurations of the cosmos with our day-to-day lives, astrologers relied upon a "scheme of heaven," or horoscope, showing the precise configuration of the planets at a particular instant in time as viewed from a particular place on Earth. Although recognized as pseudoscience today, horoscopes were once considered a cutting-edge scientific tool. Boxer teaches us how to read these esoteric charts—and appreciate the complex astronomical calculations needed to generate them—by diagramming how the heavens appeared at important moments in astrology's history, from the assassination of Julius Caesar as viewed from Rome to the Apollo 11 lunar landing as seen from the surface of the Moon. He then puts these horoscopes to the test using modern data sets and statistical science, arguing that today's data scientists do work similar to astrologers of yore. By looking back at the algorithms of ancient astrology, he suggests, we can better recognize the patterns that are timeless characteristics of our own pattern-matching tendencies. At once critical, rigorous, and far ranging, *A Scheme of Heaven* recontextualizes astrology as a vast, technological project—spanning continents and centuries—that foreshadowed our data-driven world today.

*Astronomy and Astrology in the Islamic World* Routledge

Advance praise for Philip Plait's *Bad Astronomy* "Bad Astronomy is just plain good! Philip Plait clears up every misconception on astronomy and space you never knew you suffered from." --

Stephen Maran, Author of *Astronomy for Dummies* and editor of *The Astronomy and Astrophysics Encyclopedia* "Thank the cosmos for the bundle of star stuff named Philip Plait, who is the world's leading consumer advocate for quality science in space and on Earth. This important contribution to science will rest firmly on my reference library shelf, ready for easy access the next time an astrologer calls." -  
-Dr. Michael Shermer, Publisher of *Skeptical* magazine, monthly columnist for *Scientific American*, and author of *The Borderlands of Science* "Philip Plait has given us a readable, erudite, informative, useful, and entertaining book. *Bad Astronomy* is Good Science. Very good science..." --James "The Amazing" Randi, President, James Randi Educational Foundation, and author of *An Encyclopedia of Claims, Frauds, and Hoaxes of the Occult and Supernatural* "Bad Astronomy is a fun read. Plait is wonderfully witty and educational as he debunks the myths, legends, and 'conspiracies that abound in our society. 'The Truth Is Out There' and it's in this book. I loved it!" --Mike Mullane, Space Shuttle astronaut and author of *Do Your Ears Pop in Space?*

**A Scientific Evaluation** Brill Academic Pub

"A fresh, profound, and fun way to look at all things astro while also making spot-on observations about your pop culture faves." —*Cosmopolitan* A soulful exploration of the twelve astrological signs embodied by our living "stars"—from divas to philosophers, poets to punks—and the ways they can help us better understand ourselves and each other, from the wildly popular astrology columnist for *New York* magazine's *The Cut*. Whether you believe in it or not, astrology's job has never been to give us a preordained vision of the future, nor to sort us into twelve neat personality types, but to provide the tools and language for delving into our weirdest, best, most thorny contradictions, and for understanding ourselves and each other in our full complexity. The stars and the planets then are more like mirrors that show us who we are, that give us an understanding of how to be and how to move through the world; how certain people do it differently, and what we can learn by studying them. In *Madame Clairevoyant's Guide to the Stars*, Claire Comstock-Gay brings the sky down to Earth and points to our popular "stars"—from Aretha Franklin to Mr. Rogers, from poets in Cancer to punk singers in Scorpio—to reveal what the sky has to teach us about being human. In this wise, lyrically written guide, she examines the twelve astrological signs, illuminating

the ways each one is more complicated, beautiful, and surprising than you might have been told. Claire suggests that actually it's okay, and even important, to be a seeker, to hunger for self-knowledge, and if astrology is the vehicle for that inquiry, so be it. *Madame Clairevoyant's Guide to the Stars* offers a clear introduction to the basics and an innovative new framework for creatively using astrology to illuminate our lives on earth. It's a road map to our internal world, yes, but Claire also reminds us that it's still our job to navigate it. Combining both heavenly insights and the earthly wisdom of writers like Cheryl Strayed and Heather Havrilesky and the poetry of Patricia Lockwood and Mary Oliver, *Madame Clairevoyant's Guide to the Stars* offers a fresh, profound, and fun way to look at ourselves and others, and perhaps see each more clearly. And in that way, this book is not just beautiful, but transformative.

*Bad Astronomy* Lulu.com

This is a study of the union of astronomy and astrology, and relations to astral worship, from early Babylonian times, through medieval European times, up to and including the time of Isaac Newton, especially in relation to prediction, and with extensions into more recent times. There is also discussion of related matters in other cultures, such as Chinese, Indian, Native American and African.

*The History of Non-Western Astronomy* Routledge

This book starts with a meticulous explanation of terminology used in astronomy and astrology. This can be considered as a splendid example of how to explain strictly scientific notions to readers who are not necessarily skilled in the exact sciences. From an astronomical point of view, the most interesting part of the work is the presentation of the old Egyptian world system, which the author concludes was the same as the system of Tycho Brahe (1546-1601). He considers this astronomical system not just as a transitory historical conception, but as something which possesses permanent value. The author's deep historical studies made it possible for him also to solve the problem of the interchange of Mercury and Venus, something indicated many years ago by Rudolf Steiner. This is an important achievement in the history of astronomy. The main astrological finding of this book is that the zodiac of the stars (sidereal zodiac) - as employed by the Babylonians, Egyptians, and ancient Greeks - is the authentic zodiac. Moreover, the author promotes a new type of astrological chart (hermetic chart) for the conception, birth,

and death of personalities under consideration, in addition to the customary geocentric horoscope and in place of the heliocentric horoscope promoted by Willi Sucher (1902-1985). With the hermetic chart the author places a new tool in the hands of astrologers and opens up new possibilities for astrology as a science. On this basis he develops his two "laws" of reincarnation, illustrating them by striking examples. These "laws" express themselves by way of certain planetary configurations coinciding at the moments

of birth and death in successive incarnations. He believes that with these "laws" the significance of the tropical zodiac is disproved. This work of Robert Powell, presenting a new astrological system, is a valuable step in the development of a new wisdom of the stars in line with the ideas of Willi Sucher. Willi Sucher's books and articles are full of charm - deep in a spiritual sense - representing a star wisdom in an embryonic state. With this book by Robert Powell, the ideas of Willi Sucher are born

as an earthly reality and something new is brought into the world. Professor Konrad Rudni\_ki Astronomical Observatory Jagiellonian University Cracow, Poland  
**Astronomy and Astrology in Marsh's Library : an Exhibition** Cambridge University Press

Presents overviews of the astrologies of the world's religions, discussing how various cultures have used celestial observations and beliefs about the heavens to engage with the divine and understand their lives on Earth.

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