

Calendar Oddities

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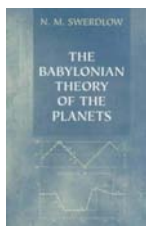
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Panelists' books



Mind over matter : conversations with the cosmos - Cole, K. C.
 Call Number: (Doheny/Leavey) Q162.C584 2003
 ISBN: 0151008167



The Babylonian theory of the planets - Swerdlow, Noel M.
 Call Number: QB19.S94 1998
 ISBN: 0691011966



Polyominoes : puzzles, patterns, problems, and packings - Golomb, Solomon W.
 Call Number: (Leavey) QA166.75.G65 1994
 ISBN: 0691085730

*The Date of This Visions + Voices Event

October 27, 2010, 7 p.m. in the Forum Room of the Ronald Tutor Campus Center.

Calendars (and time itself) are functions of culture; informed by mathematics and astronomy, but shaped in their particulars by the overall understanding of cosmic, natural, and social relationships underlying a community's life. Some of us will date this Visions + Voices event as taking place on October 27, 2010 (Gregorian). Others may regard the day as being the 19th day of Cheshvan in the year 5771 (Hebrew), the 5th day of the 8th month in the year 1389 (Persian Jalali), the 3rd day of the 9th month of the 99th year of the Republic of China (Chinese lunar), the guisi day of the bingxu month (both by the 60-cyclical reckoning) of the Iron Tiger year in the 17th Rabjung (Tibetan), Dhu'l Qa'dah 19, 1431 (Islamic), or October 14, 2010 (Julian). Japan has long adopted the Gregorian calendar for months and days, but dates the year according to the year of the reigning Emperor, so this is the 27th day of the 10th month of Heisei 22. It is also the same month and day in North Korea, but this is the 99th year (dating from Kim Il-song's birth year).

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Recommended databases

- [Encyclopedia of Astronomy & Astrophysics](#)
 Full text of 2,750+ articles
- [Web of Science \(Web of Knowledge\)](#)
 Citations from 10,000+ journals and 120,000+ conferences

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Subject Guide



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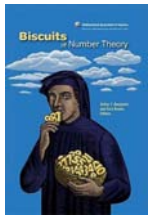
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Biscuits of number theory -

Benjamin, Arthur T., ed.

Call Number: (Science) QA241.B57

2009

ISBN: 088385340X

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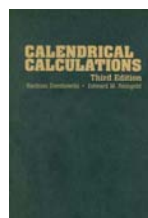
[Calendars Through the Ages](#)

[Announcing the Sky](#) Discusses the relationship of astronomy and various types of calendar.

[Chinese Calendars Online](#) Provides an array of horoscope verdicts based on Chinese astrological precepts.

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Books



Calendrical calculations -

Dershowitz, Nachum

Call Number: (Doheny) CE12.D473

2008

ISBN: 9780521885409

This book does the math.

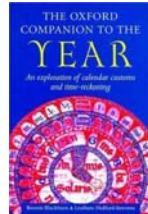


Marking time : the epic quest to invent the perfect calendar -

Steel, Duncan

Call Number: (Doheny) CE6.S74 2000

ISBN: 0471298271



The Oxford companion to the year -

Blackburn, Bonnie J.

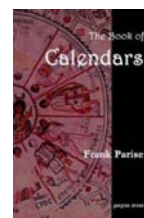
Call Number: (Doheny) CE73.B553

1999

ISBN: 0192142313

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More books



The book of calendars -

Parise, Frank

Call Number: (Leavey) CE11.B66

2002x

ISBN: 1931956766



The dance of time : the origins of the calendar : a miscellany of history and myth, religion and astronomy, festivals and feast days -

Judge, Michael

Call Number: (Leavey) CE6.J83 2004

ISBN: 1559707461



The history of time : a very short introduction -

Holford-Strevens, Leofranc

Call Number: (Doheny) CE11.H65

2005

ISBN: 0192804995

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Chinese

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[Western-Chinese converter](#)

[Chinese-Western Converter](#) 兩千年中西曆轉換

Annual customs and festivals in Peking as recorded in the Yen-ching Sui-shih-chi by Tun Li-ch'en - Bodde, Derk, transl.

Call Number: (Doheny) GT4883.P4T8 1965

Illustrates the close interplay between food, ceremony and the calendar in traditional Chinese culture.

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Jewish

Search on Homer by subject: Jewish calendar

[Hebrew date converter](#)



Head of all years : astronomy and calendars at Qumran in their ancient context - Ben-Dov, Jonathan

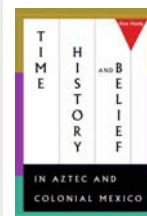
Call Number: (Doheny) CE35.B395 200

ISBN: 9789004170889

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Aztec

Search on Homer by subject: Aztec calendar



Time, history and belief in Aztec and Colonial Mexico -

Hassig, Ross,

Call Number: (Doheny)

F1219.76.C35H37 2001

ISBN: 029273140X

Also available as an [electronic resource](#).

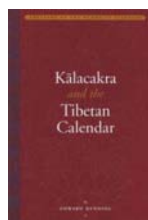
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Tibetan

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[Tibetan Calendar Converter](#)

[Interconverting Tibetan and Western years](#)



Kālacakra and the Tibetan calendar - Henning, Edward

Call Number: (Doheny)

CE38.5.H46 2007

ISBN: 9780975373491

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Islamic

Search on Homer by subject: Calendar Islamic

[Conversion of Hijri A.H. and A.D. dates](#)

Astronomy in the service of Islam - King, David A.

Call Number: (Doheny) QB23.K52 1993

ISBN: 086078357X

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Mayan

Search on Homer by subject: Maya calendar



The end of time : the Maya mystery of 2012 - Aveni, Anthony F.

Call Number: (Doheny)

QB638.8.A94 2009

ISBN: 9780870819612

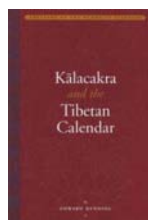
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Call Number: (Doheny)

CE38.5.H46 2007

ISBN: 9780975373491

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Other calendar converters

[Western to Japanese Converter](#)

[Samvat \(Hindu\) Calendar Conversion Utility](#)

[Jalali \(Persian\) Date Converter](#)

[French Republican](#)

[ISO-8601](#)

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Other calendar cultures

The thread of Ariadne; the labyrinth of the calendar of Minos - Herberger, Charles F.

Call Number: (Doheny) BL793.C7H47

ISBN: 0802220894

A true Easter : the synod of Whitby 664 AD - Ward, Benedicta

Call Number: (Doheny) CE83.W37 2007

ISBN: 0728301709

Astronomy and calendar in ancient Rome : the eclipse festivals - Magini, Leonard

Call Number: (Doheny) QB22.M34 2001

ISBN: 8882651185

The Egyptian calendar : a work for eternity

- Bomhard, Anne-Sophie von

Call Number: (Doheny) CE29.B66 1999

ISBN: 190269905X

Other First Nations



The year the stars fell : Lakota winter counts at the Smithsonian - Greene, Candace S.

Call Number: (Doheny) E99.D1Y43 2007

ISBN: 9780803222113



One hundred summers : a Kiowa calendar record -

Greene, Candace S.

Call Number: (Doheny) E99.K5G73 2009

ISBN: 9780803219403

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Shakespeare's almanac : A midsummer night's dream, marriage, and the Elizabethan calendar - Wiles, David
Call Number: (Doheny) PR2827.W5 1993
ISBN: 0859913988

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Out-of-this-world time

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Martian calendars

In spite of the fact that we have had a presence on Mars for only a few decades, several people have developed calendars for marking Martian time.

[Mars Calendar / Institute for Advanced Physics](#)

[Martian calendar / Roger E. Kuiper](#)

[CMEX Mars Calendar](#)

[The Darian Calendar for Mars](#)

[A Calendar for Mars / Robert Zubrin](#)

[Mars Calendar / Shards Universe](#)

[Arih Martian Calendar](#)

[A Calendar for Mars / Vinicio Coletti](#)

[Mars Calendar and Clock / Thomas W. Cronin](#)

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End of a Long "Day" on Titan



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Livin' on Titan Time

Imagine you have moved from Earth to Titan, Saturn's largest moon. You have somehow gotten past the methane atmosphere and lakes and the seasons of cold / colder / really cold / and frigid. How do you mark time? Titan is in synchronous rotation with Saturn, meaning that in the time it takes to rotate it also orbits Saturn (15 days, 22 hours in Earth time). From any given location on Titan, Saturn will remain in the same position in the sky, so a year or a day based on Titan's relationship with Saturn would be meaningless. That still, however, does give you a measurement of a "day," relative to the sun, that is just a bit longer than half an Earth month. How about the time it takes Titan (and Saturn) to orbit the Sun? That is 10,759 Earth-days (29.5 Earth years); an Earth-normal human lifetime should give you two or maybe three times around the sun; more practical for marking life stages than life events. Titan is in a 3:4 orbital resonance with Hyperion, another of Saturn's moons. This means that in the time it takes Titan to orbit Saturn 3 times, Hyperion orbits 4 times. So, from Titan Hyperion would appear to describe a complete cycle every 11 days and 22.5 hours (in Earth terms). So, there are two measures, one of 15 days + 22 hours and another that is 11 days + 22.5 hours. You could still, of course, use your Earth watch and calculate time according to how it passes "back home." Be prepared, though, for the younger generation to roll their eyes at how old planet you are.

[The Darian Calendar for Titan](#)

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