A Bibliography of the Antikythera Mechanism

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2000 [36]. **$8.50** [14].

-Year-Old [36].

000-year-old-computer [43].

10 [64].

2013 [113]. **2014** [64, 66]. **21st** [113].

80 [5, 3, 4]. **85181** [30].

978 [30]. **978-0-521-85181** [30]. **978-0-521-85181-7** [46].

Accuracy [49]. **Adapting** [112]. **advances** [45]. **after** [108, 111]. **Alexander** [82, 84, 80, 90]. **Analog** [115]. **analytical** [48]. **Ancient**

References

deSollaPrice:1959:AGC

[1] Derek J. de Solla Price. An ancient Greek computer. *Scientific American*, 200(6):60–67, June 1959. CODEN SCAMAC. ISSN 0036-

8733 (print), 1946-7087 (electronic). URL `http://www.nature.com/scientificamerican/journal/v200/n6/pdf/scientificamerican0659-60.pdf`.

Anonymous:1965:AS

[2] Anonymous. The Antikythera shipwreck. *Nature*, 207(5004):1338, September 1, 1965. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

deSollaPrice:1974:GGA

[3] Derek John de Solla Price. Gears from the Greeks: the Antikythera mechanism, a calendar computer from ca. 80 B.C. *Transactions of the American Philosophical Society, New Series*, 64(7):1–70, November 1974. CODEN TAPSAY. ISBN 0-87169-647-9. ISSN 0065-9746. URL `http://www.jstor.org/stable/1006146`.

deSollaPrice:1974:GGAa

[4] Derek de Solla Price. Gears from the Greeks. The Antikythera mechanism: a calendar computer from ca. 80 B.C. *Transactions of the American Philosophical Society, New Series*, 64(7):1–70, November 1974. CODEN TAPSAY. ISSN 0065-9746. URL `http://www.jstor.org/stable/1006146`.

Price:1974:GGAb

[5] Derek J. de Solla (Derek John de Solla) Price. *Gears from the Greeks: the Antikythera mechanism, a calendar computer from ca. 80 B.C.*, volume 64(7) of *Transactions of the American Philosophical Society*. American Philosophical Society, Philadelphia, PA, USA, 1974. ISBN 0-87169-647-9. ISSN 0065-9746. 70 pp. LCCN QB107 .P74. US$5.00.

Nash:1975:BRB

[6] Robert A. Nash. Book review: *Gears from the Greeks: The Antikythera Mechanism — A Calendar Computer from ca. 80 B.C.* by Derek de Solla Price. *American Scientist*, 63(5):594, September 1975. CODEN AMSCAC. ISSN 0003-0996 (print), 1545-2786 (electronic). URL `http://www.jstor.org/stable/27845769`.

Ashfaque:1976:RBG

[7] S. M. Ashfaque. Review: *Gears from Greeks — Antikythera Mechanism — Calendar Computer from ca 80 BC* — by D. D. Price. *Centaurus: An International Journal of the History of Science and its Cultural Aspects*, 20(2):175–176, ???? 1976. CODEN CENTA4. ISSN 0008-8994 (print), 1600-0498 (electronic).

Ballin:1976:BRB

[8] Theodore N. Ballin. Book review: *Gears from the Greeks, The Antikythera Mechanism: A Calendar Computer from ca. 80 B.C.* by Derek de Solla Price. *The Classical World*, 70(3):202, November 1976. ISSN 0009-8418 (print), 1558-9234 (electronic). URL `http://www.jstor.org/stable/4348621`.

Drachmann:1976:GGA

[9] A. G. Drachmann. *Gears from the Greeks: The Antikythera Mechanism — a Calendar Computer from ca. 80 B.C.* by Derek de Solla Price (review). *Technology and Culture*, 17(1):112–116, January 1976. CODEN TECUA3. ISSN 0040-165X (print), 1097-3729 (electronic). URL `http://www.jstor.org/stable/3103259; https://muse.jhu.edu/pub/1/article/891657/pdf`.

Brookes:1977:BRB

[10] A. M. P. Brookes. Book review: *Gears from the Greeks*, by Derek de Solla Price. The Antikythera Mechanism: A Calendar Computer from ca. 80 B.C. *The Classical Review*, 27(1):94–95, ???? 1977. CODEN ???? ISSN 0009-840X (print), 1464-3561 (electronic). URL `http://www.jstor.org/stable/710979`.

Mercier:1977:BRA

[11] Raymond Mercier. Book review: The Antikythera Mechanism, *Gears from the Greeks. Journal for the History of Astronomy*, 8(2):143–145, June 1977. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

North:1977:BRD

[12] J. D. North. Book review: Derek de Solla Price: *Gears from the Greeks: The Antikythera Mechanism. A Calendar Computer from ca. 80 B.C. Isis*, 68(1):142–143, March 1977. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic). URL `http://www.jstor.org/stable/230405`.

Oleson:1977:BRB

[13] John Peter Oleson. Book review: *Gears from the Greeks: The Antikythera Mechanism — a Calendar Computer from ca. 80 B.C.* by Derek de Solla Price. *Phoenix*, 31(3):271–273, Autumn 1977. ISSN 0031-8299 (print), 1929-4883 (electronic). URL `http://www.jstor.org/stable/1087110`.

Smith:1978:BRA

[14] Norman A. F. Smith. Book review: *Antiquity Gears from the Greeks: The Antikythera Mechanism — a Calendar Computer from ca. 80 B.C.* by

Derek de Solla Price. New York: Science History Publications, 1975. Pp. 70. $8.50. *British Journal for the History of Science*, 11(1):77–78, March 1978. CODEN BJHSAT. ISSN 0007-0874 (print), 1474-001X (electronic). URL `http://www.jstor.org/stable/4025619`.

Handler:1979:RBZ

[15] Wolfgang Händler. Rechner Von A Bis Z — Von Antikythera Bis Zuse. In K. H. Böhling and P. P. Spies, editors, *GI – 9. Jahrestagung*, pages 1–15. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1979.

Morris:1984:PDD

[16] L. R. Morris. Price, Derek, Desolla and the Antikythera mechanism — an appreciation 1922–1983 — obituary. *IEEE Micro*, 4(1):15–21, January/ February 1984. CODEN IEMIDZ. ISSN 0272-1732 (print), 1937-4143 (electronic).

vanderWaerden:1984:GACa

[17] B. L. van der Waerden. Greek astronomical calendars I. The parapegma of Euctemon. *Archive for History of Exact Sciences*, 29(2):101–114, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=101`.

Maddison:1985:EMW

[18] Francis Maddison. Early mathematical wheelwork: Byzantine calendrical gearing. *Nature*, 314(6009):316–317, March 28, 1985. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

vanderWaerden:1985:GACa

[19] B. L. van der Waerden. Greek astronomical calendars IV. The parapegma of the Egyptians and their "perpetual tables". *Archive for History of Exact Sciences*, 32(2):95–104, June 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=2&spage=95`.

vanderWaerden:1985:GACb

[20] B. L. van der Waerden. Greek astronomical calendars V. The motion of the Sun in the parapegma of Geminos and in the Romaka–Siddhānta. *Archive for History of Exact Sciences*, 34(3):231–239,

September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=231`.

Bromley:1986:NAM

[21] Allan G. Bromley. Notes on the Antikythera Mechanism. *Centaurus: An International Journal of the History of Science and its Cultural Aspects*, 29(1):5–27, March 1986. CODEN CENTA4. ISSN 0008-8994 (print), 1600-0498 (electronic).

Williams:1997:HCT

[22] Michael R. Williams. *A History of Computing Technology*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, second edition, 1997. ISBN 0-8186-7739-2 (hardcover). xi + 426 pp. LCCN QA76.17 .W55 1997. URL `http://catalogue.bnf.fr/ark:/12148/cb37514972q`.

Edmunds:2000:AMS

[23] M. G. Edmunds and P. Morgan. The Antikythera Mechanism: still a mystery of Greek astronomy? *Astronomy and Geophysics*, 41(6):6.10–6.17, December 2000. CODEN ASGEF5. ISSN 1366-8781 (print), 1468-4004 (electronic).

Anonymous:2006:C

[24] Anonymous. Correction. *Nature*, 444(7120):699, December 6, 2006. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). See [26].

Catsambis:2006:BAF

[25] Alexis Catsambis. Before Antikythera: the first underwater archaeological survey in Greece. *International Journal of Nautical Archaeology*, 35(1): 104–107, April 2006. ISSN 1057-2414 (print), 1095-9270 (electronic).

Charette:2006:HTA

[26] François Charette. High tech from Ancient Greece. *Nature*, 444(7119): 551–552, November 1, 2006. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). See correction [24].

Freeth:2006:DAG

[27] T. Freeth, Y. Bitsakis, X. Moussas, J. H. Seiradakis, A. Tselikas, H. Mangou, M. Zafeiropoulou, R. Hadland, D. Bate, A. Ramsey, M. Allen, A. Crawley, P. Hockley, T. Malzbender, D. Gelb, W. Ambrisco, and M. G. Edmunds. Decoding the ancient Greek astronomical calculator known as

the Antikythera Mechanism. *Nature*, 444(7119):587–591, November 1, 2006. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Marchant:2006:SLT

[28] Jo Marchant. In search of lost time. *Nature*, 444(7119):534–538, November 1, 2006. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Lehoux:2007:AWC

[29] Daryn Lehoux. *Astronomy, weather, and calendars in the ancient world: parapegmata and related texts in classical and Near Eastern societies*. Cambridge University Press, Cambridge, UK, 2007. ISBN 0-521-85181-5 (hardcover). xiv + 566 pp. LCCN QC999 .L44 2007. URL `http://www.loc.gov/catdir/enhancements/fy0703/2006038547-d.html`; `http://www.loc.gov/catdir/enhancements/fy0703/2006038547-t.html`; `http://www.loc.gov/catdir/enhancements/fy0729/2006038547-b.html`.

Acerbi:2008:BRD

[30] Fabio Acerbi. Book review: Daryn Lehoux, *Astronomy, Weather, and Calendars in the Ancient World*. Parapegmata and Related Texts in Classical and Near-Eastern Societies. Cambridge: Cambridge University Press, 2007. xiv + 566 pp., ISBN 978-0-521-85181. *Nuncius*, 23(1):134–135, ???? 2008. CODEN ???? ISSN 0394-7394 (print), 1825-3911 (electronic). URL `http://booksandjournals.brillonline.com/content/10.1163/182539108x00111`.

Ball:2008:CCC

[31] Philip Ball. Complex clock combines calendars. *Nature*, 454(7204):561, July 30, 2008. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Marchant:2008:ALS

[32] Jo Marchant. The Antikythera: lost secret of the ancients. *New Scientist*, 200(2686):36–40, 2008. CODEN NWSCAL. ISSN 0262-4079 (print), 1364-8500 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0262407908631619`.

Robinson:2008:TCC

[33] Andrew Robinson. Tale of a clockwork computer. *Nature*, 455(7215):867–868, October 15, 2008. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Spinellis:2008:AMC

[34] Diomidis Spinellis. The Antikythera Mechanism: a computer science perspective. *Computer*, 41(5):22–27, May 2008. CODEN CPTRB4. ISSN 0018-9162 (print), 1558-0814 (electronic).

Cowen:2009:ACA

[35] Ron Cowen. Atom & cosmos: Ancient gadget charts game time: Antikythera mechanism kept a calendar of the Olympics. *Science News (Washington, DC)*, 174(5):10, September 2009. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic).

Evans:2009:BRS

[36] James Evans. Book review: The saga of the Antikythera Mechanism, *Decoding the Heavens: a* 2000*-Year-Old Computer and the Century-Long Search to Discover its Secrets*. *Journal for the History of Astronomy*, 40 (3):362–364, August 2009. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Koetsier:2009:PUS

[37] Teun Koetsier. Phases in the unraveling of the secrets of the gear system of the Antikythera Mechanism. In Hong-Sen Yan and Marco Ceccarelli, editors, *International Symposium on History of Machines and Mechanisms*, pages 269–294. Springer Netherlands, Dordrecht, The Netherlands, 2009.

Montelle:2009:BRB

[38] Clemency Montelle. Book review: *Astronomy, Weather, and Calendars in the Ancient World: Parapegmata and Related Texts in Classical and Near Eastern Societies*. *Isis*, 100(4):896–897, December 2009. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic). URL `http://www.jstor.org/stable/10.1086/652047`.

Evans:2010:SAP

[39] James Evans, Christián C. Carman, and Alan S. Thorndike. Solar anomaly and planetary displays in the Antikythera Mechanism. *Journal for the History of Astronomy*, 41(1):1–39, February 2010. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Gourtsoyannis:2010:HVP

[40] Elias Gourtsoyannis. Hipparchus vs. Ptolemy and the Antikythera Mechanism: Pin slot device models lunar motions. *Advances in Space Research*,

46(4):540–544, 2010. CODEN ASRSDW. ISSN 0273-1177 (print), 1879-1948 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0273117709006036. Advances in Space Environment Research.

Marchant:2010:AAM

[41] Jo Marchant. Ancient astronomy: Mechanical inspiration. *Nature*, 468 (7323):496–498, November 24, 2010. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Marchant:2010:DHS

[42] Josephine Marchant. *Decoding the heavens: solving the mystery of the world's first computer*. William Heinemann, London, UK, 2010. ISBN 0-434-01835-X (hardcover). 328 + 8 pp. LCCN QB107 .M37 2010. URL http://site.ebrary.com/id/10372916; http://www.decodingtheheavens.com/reviews.aspx.

Marchant:2010:DHY

[43] Josephine Marchant. *Decoding the heavens: a 2,000-year-old-computer — and the century-long search to discover its secrets*. Da Capo Press, Cambridge, MA, USA, 2010. ISBN 0-306-81861-2 (paperback). 328 + 8 pp. LCCN QB107 .M38 2010. URL http://www.decodingtheheavens.com/reviews.aspx.

Papathanassiou:2010:RAM

[44] Maria K. Papathanassiou. Reflections on the Antikythera Mechanism inscriptions. *Advances in Space Research*, 46(4):545–551, 2010. CODEN ASRSDW. ISSN 0273-1177 (print), 1879-1948 (electronic). URL https://www.sciencedirect.com/science/article/pii/S027311770900684X. Advances in Space Environment Research.

Pastore:2010:ACA

[45] Giovanni Pastore. Antikythera Calculator advances modern science of 19 centuries. *Advances in Space Research*, 46(4):552–556, 2010. CODEN ASRSDW. ISSN 0273-1177 (print), 1879-1948 (electronic). URL https://www.sciencedirect.com/science/article/pii/S027311771000236X. Advances in Space Environment Research.

Robson:2010:BRD

[46] Eleanor Robson. Book review: Daryn Lehoux, *Astronomy, Weather, and Calendars in the Ancient World: Parapegmata and Related Texts in Classical and Ancient Near Eastern Societies*. Cambridge and New York:

Cambridge University Press, 2007. Pp. xiv + 566. ISBN 978-0-521-85181-7. £65.00 (hardback). *British Journal for the History of Science*, 43(2): 288–289, June 2010. CODEN BJHSAT. ISSN 0007-0874 (print), 1474-001X (electronic).

Sidoli:2010:BRP

[47] Nathan Sidoli. Book review: Parapegmata: *Astronomy, Weather, and Calendars in the Ancient World: Parapegmata and Related Texts in Classical and Near-Eastern Societies*. *Journal for the History of Astronomy*, 41(1):124–126, February 2010. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Bevan:2011:TFM

[48] Andrew Bevan and James Conolly. Terraced fields and Mediterranean landscape structure: an analytical case study from Antikythera, Greece. *Ecological Modelling*, 222(7):1303–1314, April 10, 2011. CODEN ECMODT. ISSN 0304-3800 (print), 1872-7026 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0304380010006824`.

Edmunds:2011:IAA

[49] M. G. Edmunds. An initial assessment of the accuracy of the gear trains in the Antikythera Mechanism. *Journal for the History of Astronomy*, 42 (3):307–320, August 2011. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Edmunds:2011:UCD

[50] Michael Edmunds and Tony Freeth. Using computation to decode the first known computer. *Computer*, 44(7):32–39, July 2011. CODEN CPTRB4. ISSN 0018-9162 (print), 1558-0814 (electronic).

Moussas:2011:AM

[51] Xenophon Moussas. The Antikythera Mechanism. In Kokkotas et al. [112], pages 113–128. ISBN 94-6091-349-0. LCCN Q126.9 .A33 2011; Q181.A1 .K384 2010. URL `http://www.springerlink.com/content/978-94-6091-349-5`.

Anonymous:2012:LAM

[52] Anonymous. Lego Antikythera Mechanism. *Nature*, December 2012. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Bevan:2012:MCU

[53] A. Bevan, J. Conolly, C. Hennig, A. Johnston, A. Quercia, L. Spencer, and J. Vroom. Measuring chronological uncertainty in intensive survey

finds: a case study from Antikythera, Greece. *Archaeometry*, 55(2):312–328, March 2012. CODEN ARCHAG. ISSN 0003-813X (print), 1475-4754 (electronic).

Carman:2012:PSD

[54] Christián C. Carman, Alan Thorndike, and James Evans. On the pin-and-slot device of the Antikythera mechanism, with a new application to the superior planets. *Journal for the History of Astronomy*, 43(1):93–116, February 2012. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Efstathiou:2012:DGG

[55] K. Efstathiou, A. Basiakoulis, M. Efstathiou, M. Anastasiou, and J. H. Seiradakis. Determination of the gears geometrical parameters necessary for the construction of an operational model of the Antikythera Mechanism. *Mechanism and Machine Theory*, 52:219–231, 2012. CODEN MHMTAS. ISSN 0094-114X (print), 1873-3999 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0094114X12000316`.

Garrett:2012:HVA

[56] Michael A. Garrett. Hanny's voorwerp and the Antikythera Mechanism — similarities, differences and insights. *arxiv.org*, ??(??):1–8, November 23, 2012. URL `https://arxiv.org/abs/1211.5487`.

Hannah:2012:AM

[57] Robert Hannah. Antikythera Mechanism, October 2012.

Wright:2012:FDA

[58] Michael T. Wright. The front dial of the Antikythera Mechanism. In Teun Koetsier and Marco Ceccarelli, editors, *History of Mechanism and Machine Science*, pages 279–292. Springer Netherlands, Dordrecht, The Netherlands, 2012.

Anastasiou:2013:AEP

[59] Magdalini Anastasiou, John H. Seiradakis, James Evans, Stella Drougou, and Kyriakos Efstathiou. The astronomical events of the Parapegma of the Antikythera Mechanism. *Journal for the History of Astronomy*, 44(2): 173–A10, May 2013. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Edmunds:2013:AME

[60] Michael G. Edmunds. Keynote II: The Antikythera Mechanism and the early history of mechanical computing. In IEEE [113], page 79. ISBN 0-7695-4957-8. ISSN 1063-6889. LCCN QA76.9.C62 S95 2013.

Wright:2013:AMC

[61] M. T. Wright. The Antikythera mechanism: Compound gear-trains for planetary indications. *Almagest: International Journal for the History of Scientific Ideas*, 4(2):4–31, 2013. CODEN ???? ISSN 1792-2593. URL `https://www.brepolsonline.net/doi/epdf/10.1484/J.ALMAGEST.1.103717`.

Yan:2013:RSL

[62] Hong-Sen Yan and Jian-Liang Lin. Reconstruction synthesis of the lost interior mechanism for the solar anomaly motion of the Antikythera Mechanism. *Mechanism and Machine Theory*, 70:354–371, 2013. CODEN MHMTAS. ISSN 0094-114X (print), 1873-3999 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0094114X13001638`.

Anastasiou:2014:AMC

[63] M. Anastasiou, J. H. Seiradakis, C. C. Carman, and K. Efstathiou. The Antikythera Mechanism: The construction of the metonic pointer and the back plate spirals. *Journal for the History of Astronomy*, 45(4):418–441, November 2014. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic).

Anonymous:2014:SDO

[64] Anonymous. Seven days: 10–16 October 2014. *Nature*, 514(7522):278–279, October 15, 2014. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Carman:2014:EAM

[65] Christián C. Carman and James Evans. On the epoch of the Antikythera mechanism and its eclipse predictor. *Archive for History of Exact Sciences*, 68(6):693–774, November 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://link.springer.com/article/10.1007/s00407-014-0145-5; http://www.scientificcomputing.com/news/2014/12/worlds-oldest-computer-ancient-greek-antikythera-mechanism-100-years-older-previously-believed`.

Cressey:2014:IMO

[66] Daniel Cressey and Davide Castelvecchi. Images of the month: October 2014. *Nature*, October 2014. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Edmunds:2014:AMM

[67] M. G. Edmunds. The Antikythera mechanism and the mechanical universe. *Contemporary Physics*, 55(4):263–285, 2014. CODEN CTPHAF. ISSN 0010-7514 (print), 1366-5812 (electronic).

Ehrenberg:2014:FAW

[68] Rachel Ehrenberg. Famed Antikythera wreck yields more treasures. *Nature*, October 10, 2014. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Freeth:2014:RAM

[69] Tony Freeth. Reconstructing the Antikythera Mechanism. In Clive L. N. Ruggles, editor, *Handbook of Archaeoastronomy and Ethnoastronomy*, pages 1603–1624. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., July 2014.

Seiradakis:2014:AMD

[70] John H. Seiradakis. The Antikythera mechanism: decoding an astonishing ancient Greek astronomical computer. *Physica Medica*, 30:e2, 2014. ISSN 1120-1797 (print), 1724-191X (electronic). URL `https://www.sciencedirect.com/science/article/pii/S1120179714001793`.

Baker:2015:BSA

[71] Noah Baker. Building the sphere of Archimedes. *Nature*, September 2015. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Lin:2015:DMAb

[72] Jian-Liang Lin and Hong-Sen Yan. *Decoding the Mechanisms of Antikythera Astronomical Device*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2016. ISBN 3-662-48445-5 (hardcover), 3-662-48447-1 (e-book). x + 281 + 172 + 141 pp. LCCN QB107 .L56 2016; QC5.53.

Lin:2015:DMP

[73] Jian Liang Lin and Hong Sen Yan. Decoding the moon phase display device over the front dial of the Antikythera mechanism. *Chinese Journal*

of Mechanical Engineering (English Edition), 28(4):676–683, July 2015. CODEN CJMEER. ISSN 1000-9345 (print), 2192-8258 (electronic).

Anonymous:2016:TMP

[74] Anonymous. Top multimedia picks of 2016. *Nature*, December 2016. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Bitsakis:2016:FDP

[75] Y. Bitsakis and A. Jones. The front dial and Parapegma inscriptions. *Almagest: International Journal for the History of Scientific Ideas*, 7(1): 68–137, 2016. CODEN ???? ISSN 1792-2593. URL `https://www.brepolsonline.net/doi/epdf/10.1484/J.ALMAGEST.5.110734`.

Marchant:2016:HSF

[76] Jo Marchant. Human skeleton found on famed Antikythera shipwreck. *Nature*, 537(7621):462–463, September 19, 2016. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Anonymous:2017:NPG

[77] Anonymous. Nobel prizes, giant telescope and buried treasure. *Nature*, 550(7674):12–13, October 5, 2017. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Carman:2017:FDA

[78] Christián C. Carman. The final date of the Antikythera Mechanism. *Journal for the History of Astronomy*, 48(3):312–323, August 2017. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic). URL `http://journals.sagepub.com/doi/full/10.1177/0021828617721553`.

Koetsier:2017:ENC

[79] Teun Koetsier. *Efthymios Nicolaidis; Constantine Skordoulis, eds.* The Inscriptions of the Antikythera Mechanism. *Isis*, 108(3):685–686, September 2017. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic).

Nicolaidis:2017:BRA

[80] Efthymios Nicolaidis. Book review: Alexander Jones, *A portable Cosmos. Revealing the Antikythera Mechanism, Scientific Wonder of the Ancient World. Almagest: International Journal for the History of Scientific Ideas*, 8(1):133–137, 2017. CODEN ???? ISSN 1792-2593. URL `https://www.brepolsonline.net/doi/epdf/10.1484/J.ALMAGEST.5.113701`.

Nicolaidis:2017:BRJ

[81] Efthymios Nicolaidis. Book review: Jian-Liang Lin; Hong-Sen Yan. *Decoding the Mechanisms of Antikythera Astronomical Device*. *Isis*, 108(1): 172–173, March 2017. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic).

Carman:2018:BRP

[82] Christián C. Carman. Book review: *A Portable Cosmos: Revealing the Antikythera Mechanism, Scientific Wonder of the Ancient World*, by Alexander Jones. *BSHM Bulletin: Journal of the British Society for the History of Mathematics*, 33(3):189–190, 2018. CODEN ???? ISSN 1749-8430 (print), 1749-8341 (electronic). URL `http://www.tandfonline.com/doi/full/10.1080/17498430.2018.1457342`.

Diolatzis:2018:DAM

[83] Ioannis S. Diolatzis and Gerasimos Pavlogeorgatos. Deepening to Antikythera Mechanism via its interactivity. *Digital Applications in Archaeology and Cultural Heritage*, 8:10–26, 2018. ISSN 2212-0548. URL `https://www.sciencedirect.com/science/article/pii/S221205481730022X`.

Henderson:2018:PCR

[84] Georgina Henderson. *A Portable Cosmos: Revealing the Antikythera Mechanism, Scientific Wonder of the Ancient World* by Alexander Jones (review). *Technology and Culture*, 59(3):789–790, July 2018. CODEN TECUA3. ISSN 0040-165X (print), 1097-3729 (electronic). URL `https://muse.jhu.edu/pub/1/article/703149`.

Jones:2018:LOP

[85] Alexander Jones. "Like opening a pyramid and finding an atomic bomb": Derek de Solla Price and the Antikythera mechanism. *Proceedings of the American Philosophical Society*, 162(3):259–294, ???? 2018. CODEN PAPCAA. ISSN 0003-049X (print), 2326-9243 (electronic). URL `https://www.amphilsoc.org/sites/default/files/2019-03/attachments/Jones.pdf`.

Roumeliotis:2018:CTS

[86] Manos Roumeliotis. Calculating the torque on the shafts of the Antikythera Mechanism to determine the location of the driving gear. *Mechanism and Machine Theory*, 122:148–159, 2018. CODEN MHMTAS. ISSN 0094-114X (print), 1873-3999 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S0094114X17315586`.

Seiradakis:2018:OCK

[87] J. H. Seiradakis and M. G. Edmunds. Our current knowledge of the Antikythera Mechanism. *Nature Astronomy*, 2(1):35–42, January 2018.

Voulgaris:2018:CFR

[88] Aristeidis Voulgaris, Christophoros Mouratidis, and Andreas Vossinakis. Conclusions from the functional reconstruction of the Antikythera Mechanism. *Journal for the History of Astronomy*, 49(2):216–238, May 2018. CODEN JHSAA2. ISSN 0021-8286 (print), 1753-8556 (electronic). URL `http://journals.sagepub.com/doi/full/10.1177/0021828618762460`.

Voulgaris:2018:DSA

[89] Aristeidis Voulgaris, Christophoros Mouratidis, and Andreas Vossinakis. The dark shades of the Antikythera Mechanism. *Journal of Radioanalytical and Nuclear Chemistry*, 318(3):1881–1891, October 2018. CODEN JRNCDM. ISSN 0236-5731 (print), 1588-2780 (electronic).

Yan:2018:BRA

[90] Hong-Sen Yan. Book review: Alexander Jones. *A Portable Cosmos: Revealing the Antikythera Mechanism, Scientific Wonder of the Ancient World*. *Isis*, 109(4):827–828, December 2018. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic).

Diolatzis:2019:AMC

[91] Ioannis S. Diolatzis and Gerasimos Pavlogeorgatos. Antikythera Mechanism: a compound epicyclic gearing for Venus. *Digital Applications in Archaeology and Cultural Heritage*, 12:e00089, 2019. ISSN 2212-0548. URL `https://www.sciencedirect.com/science/article/pii/S2212054818300341`.

Diolatzis:2019:IHA

[92] Ioannis S. Diolatzis and Gerasimos Pavlogeorgatos. The influence of Hipparchus in Antikythera Mechanism. *New Astronomy*, 67:29–39, 2019. CODEN NEASFS. ISSN 1384-1076 (print), 1384-1092 (electronic). URL `https://www.sciencedirect.com/science/article/pii/S1384107618302227`.

Evans:2019:BST

[93] James Evans and Christián C. Carman. Babylonian solar theory on the Antikythera mechanism. *Archive for History of Exact Sciences*, 73(6):619–659, November 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Freeth:2019:CRE

[94] Tony Freeth. Correction: Revising the eclipse prediction scheme in the Antikythera mechanism. *Palgrave Communications*, 5(1), March 2019.

Freeth:2019:REP

[95] Tony Freeth. Revising the eclipse prediction scheme in the Antikythera mechanism. *Palgrave Communications*, 5(1), January 2019.

Iversen:2019:BPI

[96] Paul Iversen and Alexander Jones. The Back Plate Inscription and eclipse scheme of the Antikythera Mechanism revisited. *Archive for History of Exact Sciences*, 73(5):469–511, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://link.springer.com/content/pdf/10.1007/s00407-019-00229-9.pdf`. See correction [97].

Iversen:2019:CBP

[97] Paul Iversen and Alexander Jones. Correction to: The Back Plate Inscription and eclipse scheme of the Antikythera Mechanism revisited. *Archive for History of Exact Sciences*, 73(5):513–516, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL `http://link.springer.com/content/pdf/10.1007/s00407-019-00234-y.pdf`. See [96].

Voulgaris:2019:AMT

[98] Aristeidis Voulgaris, Christophoros Mouratidis, and Andreas Vossinakis. Ancient machine tools for the construction of the Antikythera Mechanism parts. *Digital Applications in Archaeology and Cultural Heritage*, 13:e00092, 2019. ISSN 2212-0548. URL `https://www.sciencedirect.com/science/article/pii/S2212054818300353`.

Bruderer:2020:AMa

[99] Herbert Bruderer. The Antikythera Mechanism. *Communications of the ACM*, 63(4):108–115, April 2020. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Bruderer:2020:AMb

[100] Herbert Bruderer. The Antikythera Mechanism. In *Milestones in Analog and Digital Computing* [115], pages 409–426. ISBN 3-030-40973-2 3-030-40974-0 (e-book), 3-030-40975-9. LCCN QA76.17.

Kalogera:2020:JHS

[101] Vassiliki Kalogera and Michael Kramer. John Hugh Seiradakis. *Nature Astronomy*, 4(7):639–640, June 2020.

Freeth:2021:ACMa

[102] Tony Freeth, David Higgon, Aris Dacanalis, Lindsay MacDonald, Myrto Georgakopoulou, and Adam Wojcik. Author correction: A model of the cosmos in the ancient Greek Antikythera mechanism. *Scientific Reports*, 11(1), March 2021. CODEN SRCEC3. ISSN 2045-2322. See [104].

Freeth:2021:ACMb

[103] Tony Freeth, David Higgon, Aris Dacanalis, Lindsay MacDonald, Myrto Georgakopoulou, and Adam Wojcik. Author correction: A model of the cosmos in the ancient Greek Antikythera mechanism. *Scientific Reports*, 11(1):??, August 2021. CODEN SRCEC3. ISSN 2045-2322. See [104]. From the introduction: "This original version of this article contained repeated errors, where the Greek character Υ (Upsilon) was incorrectly given as Ψ (Psi) and fractions were incorrectly shown as superscripts.".

Freeth:2021:MCA

[104] Tony Freeth, David Higgon, Aris Dacanalis, Lindsay MacDonald, Myrto Georgakopoulou, and Adam Wojcik. A model of the cosmos in the ancient Greek Antikythera mechanism. *Scientific Reports*, 11(1), March 2021. CODEN SRCEC3. ISSN 2045-2322. URL `https://www.nature.com/articles/s41598-021-96382-9`. See corrections [102, 103].

Voulgaris:2021:DGA

[105] Aristeidis Voulgaris, Christophoros Mouratidis, Andreas Vossinakis, and G. Bokovos. The Draconic gearing of the Antikythera Mechanism: Assembling the Fragment D, its role and operation. *arxiv.org*, ??(??):1–??, March 24, 2021. URL `https://arxiv.org/abs/2104.06181`.

Yasuda:2021:MC

[106] Hiromi Yasuda, Philip R. Buskohl, Andrew Gillman, Todd D. Murphey, Susan Stepney, Richard A. Vaia, and Jordan R. Raney. Mechanical computing. *Nature*, 598(7879):39–48, October 6, 2021. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Freeth:2022:WAW

[107] Tony Freeth. Wonder of the Ancient World. *Scientific American*, 326 (1):24–33, January 2022. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic).

Voulgaris:2022:ICD

[108] Aristeidis Voulgaris, Christophoros Mouratidis, and Andreas Vossinakis. The initial calibration date of the Antikythera mechanism after the Saros spiral mechanical Apokatastasis. *arxiv.org*, ??(??):1–29, March 28, 2022. URL `https://arxiv.org/abs/2203.15045`.

Efstathiou:2023:HDM

[109] Kyriakos Efstathiou, Marianna Efstathiou, Alexandros Basiakoulis, Harriet Cliffen, Nenad Joncic, and Rafaella Georgiou. The holistic documentation of movable cultural heritage objects — the case of the Antikythera mechanism. In Marinos Ioannides and Petros Patias, editors, *3D Research Challenges in Cultural Heritage III: Complexity and Quality in Digitisation*, volume 13125 of *Lecture Notes in Computer Science*, pages 103–130. Springer International Publishing, ????, 2023. ISBN 3-031-35593-8. ISSN 1611-3349.

Marini:2023:FAM

[110] Daniele L. R. Marini. *The First Astronomical Machine: Antikythera*, pages 161–177. Springer Nature, Cham, Switzerland, 2023. ISBN 3-303-13094-3-X, 3-031-30944-8 (e-book). ISSN 1614-659X (print), 2197-6651 (electronic). LCCN QB15 .M37 2023; QC6.9-9.

Voulgaris:2023:ICD

[111] Aristeidis Voulgaris, Christophoros Mouratidis, and Andreas Vossinakis. The initial calibration date of the Antikythera mechanism after the Saros spiral mechanical apokatastasis. *Almagest: International Journal for the History of Scientific Ideas*, 14(1):4–39, January 2023. CODEN ???? ISSN 1792-2593. URL `https://www.brepolsonline.net/doi/epdf/10.1484/J.ALMAGEST.5.134609`.

Kokkotas:2011:AHK

[112] Panagiotis V. Kokkotas, Katerina S. Malamitsa, and Aikaterini A. Rizaki, editors. *Adapting Historical Knowledge Production to the Classroom*. SensePublishers, Rotterdam, The Netherlands, 2011. ISBN 94-6091-349-0. xii + 258 pp. LCCN Q126.9 .A33 2011; Q181.A1 .K384 2010.

IEEE:2013:PIS

[113] IEEE, editor. *Proceedings of the 21st IEEE Symposium on Computer Arithmetic, Austin, Texas, USA, 8–10 April 2013*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 2013. ISBN 0-7695-4957-8. ISSN 1063-6889. LCCN QA76.9.C62 S95 2013.

Jones:2017:PCR

[114] Alexander Jones. *A portable cosmos: revealing the Antikythera Mechanism, scientific wonder of the ancient world*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2017. ISBN 0-19-973934-X. xiv + 288 + 8 pp. LCCN QB107 .J65 2017.

Bruderer:2020:MAD

[115] Herbert Bruderer. *Milestones in Analog and Digital Computing*. Springer International Publishing, Cham, Switzerland, third edition, 2020. ISBN 3-030-40973-2 3-030-40974-0 (e-book), 3-030-40975-9. xxx + 2053 + 715 + 626 pp. LCCN QA76.17.