

A Bibliography of Publications of Alan Mathison Turing

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Abstract

This bibliography records publications of Alan Mathison Turing (1912{1954}).

Title word cross-reference

[Tur37a]. K [Tur37c]. p [Tur37c].

-conversion [Tur37c]. -de nability [Tur37a]. -function [Tur37c].

Zycie [Hod02].

/ [Don01a].

10th [Ano51]. 11th [Ano51]. 12th [Ano51]. 1947 [Tur47]. 1949 [Ano49].
1951 [Ano51]. 1988 [Man90].

20 [Tur86]. 2001 [Don01a]. 2002 [Wel02]. 2003 [Kov03]. 2004 [Pip04].
2005 [Bro05]. 2006 [Mai06]. 26 [DB04].

5 [Man90]. 53 [AH85]. 53/7/77 [AH85].

66 [Goo92].

77 [AH85].

9th [Ano51].

A. [Har47]. A.M. [TWCD86]. access [Mai06]. ACE [Tur45, Har47].
achievement [Jam06]. adding [Mai06]. additional [AH85].
adventure [Lom05]. after [CP00]. Again [Cas01]. against [DB04].
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aller [GKO95]. Allgemeine [Tur60a]. almost [Tur35]. America [DB04].
analysis [Blo98]. Analyst [Wil71]. Anecdotes [THWV88].
Anhang [Tur60a]. animal [Poo92]. annotated [Pet08]. appalling [Bro09].
appendix [Tur60a]. apple [Lem04]. Application [Tur36].
approximations [Tur38b]. architect [Got96]. Archive [CP01].
article [The87]. articles [FF63]. arti cial [Moo03]. artikkel [The87].
arvoitus [HP00]. aspects [The87]. aspekter [The87]. Asperger [Jam06].
Atanaso [Ano96]. attribute [EH91]. Automata [Tur60a].
Automaten [Tur60a]. Automatic [Ano49, Tur45]. Autonomy [Cas01].
aux [Bia79]. av [The87]. avtomatov [Tur60a].

Babbage [THWV88]. Baby [Cop11b]. Bad [Pip04]. based [Tur38c].
basic [Dav65]. basis [Tur52]. Bayes [McG11]. BCS [Don01a].
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biography [Smi10]. biology [Man90]. Biometrika [Goo92]. Bit [Cas06a].
Bletchley [HS93]. Blueprint [Cas06a]. boat [DB04]. Bombe [DK90].
Book [Tur40]. brackets [Tur42]. Breaking [WH87a, Rob97].
breakthroughs [Haw05]. British [WCK89]. broke [Lem04].
build [Cop05a]. Building [DB04].

C [PC88]. CA [USE83]. calculation [Tur43]. calculations [Tur53b].
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central [Zab95]. centuries [McG11]. century [Her88]. certainty [GKO95].
changed [Haw05]. characters [KAB99]. Checking [Tur49].
chemical [Tur52]. chess [Lev88]. Church [NT42]. Classics [Man90].
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 computational [The87]. Computationalism [Sch02].
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 Conference [Ano49]. Conferences [WCK89]. Connectionism [CM96].
 Construction [Wil80]. constructivity [Asp80]. Controversia [And84].
 controversy [McG11, And84]. conventions [Tur51a]. conversion [Tur37c].
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 cyberculture [TJC03]. Cybernetics [ER68].
 cybertragicommedia [Pat07]. Cyberworld [Pip04].

data [DB05]. datafaglige [The87]. Days [Hus91]. Dayton [Gla01].
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 Erzählung [Hoc87]. Essential [Cop04]. eta [JTS97]. excursions [Dew89].
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Facing [Ran00]. Fast [SGV94]. faster [Wel02]. Faults [Ran00].
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Laboratory [Wil80]. Language [CH83a]. language-based [EH91].
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 Lecture [Tur47, Ran00]. lectures [Har47]. left [Tur35]. legacy [CM96].
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 London [Tur47]. Ludwig [GKO95, GKO95].

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 machine [LTM⁺51, Bia79]. Machinery [Tur48a].
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P [Ano96]. page [Hod97a]. paper [Pet08]. papers [AW77]. Park [HS93].
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 plus [Cop04, HP88a]. Polish [Hod02]. pomme [Lem04]. positive [Mai06].
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Queries [Tro93]. Qui [Ano96].

Reducibility [Dav06]. Register [Tur01c]. remarkable [Jam06].
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 Revised [Cop11a]. Riemann [Tur53b]. right [Tur35]. rigor [Lom05].
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S [Gla03]. San [USE83]. saved [Ano11]. scandal [Rig91]. scandalo [Rig91].

Scheutz [THWV88]. Schriften [Tur87]. Secret [Lew78]. Secrets [Cop04].
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 submarines [McG11]. Subway [Ste94]. Summer [Sof83].
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U [Gla03, DB04]. U-boat [DB04]. Ugly [Pip04]. UK [Man90].
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Venus [Smi05]. verbal [Shi04]. very [Jam06]. Visit [Tro93]. Vita [Hod03].

walk [Mai06]. War [Lew78]. Was [DK90]. way [Poo92]. western [Bol84].
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 wisdom [Rob97]. Wittgenstein [GKO95]. word [Tur50b]. Work [Wil80].
 works [Kid96]. World [Goo92]. would [McG11]. Writings [Tur87].

zeros [Leh70]. zeta [Tur43]. zeta-function [Tur43]. zwischen [GKO95].

References

Agar:2001:TUM

[Aga01] Jon Agar. Turing and the universal machine: the making of the modern computer. Revolutions in science. Icon, Cambridge, UK, 2001. ISBN 1-84046-250-7. 153 pp. LCCN QA76.2.T87 A43 2001.

Alton:1985:SCP

- [AH85] Jeannine Alton and Peter Harper. Supplementary catalogue of papers and correspondence of Alan Mathison Turing, FRS (1912{1954) material additional to CSAC 53/7/77. Technical Report CSAC 104/1/85, Contemporary Scientific Archives Centre, London, UK, 1985. 16.

Anderson:1964:MM

- [And64] Alan Ross Anderson, editor. Minds and machines. Contemporary prospects in philosophy series. Prentice-Hall, Upper Saddle River, NJ 07458, USA, 1964. viii + 114 pp. LCCN Q3A5.5

Anderson:1984:CSM

- [And84] Alan Ross Anderson, editor. Controversia sobre mentes y maquinas. (Spanish) [Controversy over Minds and Machines]. Tusquets Editores, Barcelona, Spain, 1984. ISBN 84-7223-624-2. 171 pp. LCCN ????. Translated by Francisco Mart

Anonymous:1949:RCH

- [Ano49] Anonymous, editor. Report on a Conference on High Speed Automatic Computation, June 1949. University Mathematical Laboratory, Cambridge University, Cambridge, UK, 1949. LCCN ????. Inaugural conference of the EDSAC computer at the Mathematical Laboratory, Cambridge.

Anonymous:1951:MUC

- [Ano51] Anonymous, editor. Manchester University Computer: Inaugural Conference held at the University on the 9th, 10th, 11th and 12th July, 1951. Tillotsons,, Bolton, UK, 1951. LCCN

Anonymous:1996:QIO

- [Ano96] Anonymous. Qui a invente l'ordinateur?: grands ingenieurs: Alan Turing, John Mauchly, John P. Eckert, John Atanaso , John von Neumann. (French) [Who invented the computer? Great engineers: Alan Turing, John Mauchly, John P. Eckert, John Atanaso , John von Neumann], volume 36 of Les Cahiers de Science et vie (Paris). Excelsior, Paris, France, 1996. ISBN ????. ISSN 1157-4887. 96 pp. LCCN ????. US\$.

Anonymous:2000:AMT

- [Ano00] Anonymous. Alan Mathison Turing. World-Wide Web site., 2000. URL <http://www-groups.dcs.st-and.ac.uk/~history/Mathematicians/Turing.html>.

Anon ymous:2011:TPS

- [Ano11] Anonymous. Turing papers saved for Bletchley Park. BBC News, February 25, 2011. URL http://news.bbc.co.uk/today/hi/today/newsid_9407000/9407249.stm

Aspray:1980:MCC

- [Asp80] William F. Aspray. From mathematical constructivity to computer science: Alan Turing, John von Neumann, and the origins of computer science in mathematical logic. Thesis (Ph.D.), University of Wisconsin{Madison, Madison, WI, USA, 1980. pp.443

Alton:1977:RA

- [AW77] Jeannine Alton and Harriot Weiskittel. Report on the papers of Alan Mathison Turing OBE, FRS (1912{1954) mathematician, 1923{55. Report 77/39 and CSAC 53/7/77, The Royal Commission on Historical Manuscripts, Contemporary Scientific Archives Centre, London, UK, 1977pp19

Barnette:1998:TA

- [Bar98] Paul J. Barnette, Jr. Alan Turing (1912{1954). World-Wide Web site., 1998. URL <http://www.geocities.com/Athens/Acropolis/6681/turing.htm>

Benda:1997:TLI

- [Ben97] M. Benda. Turing's legacy for the Internet. IEEE Internet Computing, 1(6):75{77, November/December 1997. CODEN IICOFX. ISSN1089-7801.

Becher:2007:TUA

- [BFP07] Veronica Becher, Santiago Figueira, and Rafael Picchi. Turing's unpublished algorithm for normal numbers. Theoretical Computer Science, 377(1{3):126{138, May 31, 2007. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-0124 (electronic).

Booss:2003:MW

- [BH03] Bernhelm Booss and Jens H yrup, editors. Mathematics and war. Birkhauser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 2003. ISBN 3-7643-1634-9 , 0-8176-1634-9. viii + 416 pp. LCCN QA10.8 .M382003.

Bianco:1979:IFM

- [Bia79] Edmond Bianco. Informatique fondamentale: de la machine de Turing aux ordinateurs modernes. (French) [Fundamental Com-

- puter Science: from the Turing Machine to Modern Computers], volume 70 of ISR, Interdisciplinary systems research. Birkhauser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 1979. ISBN 3-7643-1090-1. 151 + 2 pp. LCCN QA267 .B5200F.
- Bloor:1998:GMA
- [Blo98] Robin Bloor. The gene machine: an analysis of a Universal Turing Machine. Bloor Research, Milton Keynes, UK, 1998. ISBN 1-874160-31-7. iv + 131 pp. LCCN
- Bodewig:1949:RRE
- [Bod49] E. Bodewig. Review of "Rounding-Off Errors in Matrix Processes" by A. M. Turing. Mathematical Reviews, 10:405, 1949. CODEN MAREAR. ISSN 0025-5629.
- Bolter:1984:TMW
- [Bol84] J. David Bolter. Turing's man: western culture in the computer age. University of North Carolina Press, Chapel Hill, NC, USA, 1984. ISBN 0-8078-1564-0, 0-8078-4108-0 (paperback). xii + 264 pp. LCCN QA76.9.C66B64984.
- Booker:2006:TRH
- [Boo06] Andrew R. Booker. Turing and the Riemann Hypothesis. Notices of the American Mathematical Society, 53(10):1208{1211, November 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/fea-booker.pdf>
- Bowden:1953:FTT
- [Bow53] Baron Bertram Vivian Bowden, editor. Faster than thought; a symposium on digital computing machines. Pitman, London, UK, 1953. LCCN QA76.5 .B66. With a foreword by the Earl of Halsbury
- Brooks:2005:TLC
- [Bro05] Frederick P. Brooks, Jr. Turing Lecture 2005: Collaboration and telecollaboration in design. World-Wide Web site., 2005. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/Turing2005/>
- Brown:2009:TAT
- [Bro09] Prime Minister Gordon Brown. Treatment of alan Turing was "appalling". UK Government Web site, September 10, 2009. URL

<http://www.number10.gov.uk/Page20571>. Issued in response to a public ~~app~~.

Cappuccio:2005:AU

- [Cap05] Massimiliano Cappuccio. Alan Turing: l'uomo, la macchina, l'enigma: per una genealogia dell'incomputabile. (Italian) [Alan Turing: the man, the machine, the Enigma; towards a genealogy of the incomputable], volume 1 of Pragmata. AlboVersorio, Milano, Italy, 2005. ISBN 88-89130-29-6. 342 pp. LCCN QA29.T8 C37 2005.

Castelfranchi:2001:AAA

- [Cas01] Cristiano Castelfranchi. Again on agents' autonomy: A homage to Alan Turing. Lecture Notes in Computer Science, 1986:339{??, 2001. CODEN LNCS9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer-ny.com/link/service/series/0558/bibs/1986/19860339.htm>; <http://link.springer-ny.com/link/service/series/0558/papers/1986/19860339.pdf>; <http://www.math.utah.edu/pub/bibnet/authors/t/turing-alan-mathison.bib>

Casselmann:2006:BTM

- [Cas06a] Bill Casselman. Blueprint for a Turing Machine: About the cover:::and a bit more. Notices of the American Mathematical Society, 53(10):1186{1189, November 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/comm-aboutcov.pdf>

Casselmann:2006:MTE

- [Cas06b] Bill Casselman. Mathematical theory of the Enigma machine. Notices of the American Mathematical Society, 53(4):433, April 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.mathaware.org/>; <http://www.nationalarchives.gov.uk/>; <http://www.turingarchive.org/browse.php/C/30>. The front cover of this issue displays eight pages of Alan Turing's description of the Enigma machine. The issue is a special tribute to Kurt Godel for the centenary of his

Carpenter:1977:OTM

- [CD77] B. E. Carpenter and R. W. Doran. The other Turing machine. The Computer Journal, 20(3):269{279, August 1977. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL <http://www.math.utah.edu/pub/bibnet/authors/>

t/turing-alan-mathison.bib; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/269.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/270.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/271.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/272.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/273.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/274.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/275.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/276.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/277.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/278.tif; http://www3.oup.co.uk/computer_journal/hdb/Volume_20/Issue_03/tiff/279.tif. Hodges page 318 note

Carpenter:1986:MTA

- [CD86] B. E. Carpenter and R. W. Doran, editors. A. M. Turing's ACE Report of 1946 and Other Papers, volume 10 of Charles Babbage Institute Reprint Series for the History of Computing. MIT Press, Cambridge, MA, USA, 1986. ISBN 0-262-03114-0. vii + 141 pp. LCCN QA75 .A185 1986.

Cordy:1987:DIE

- [CG87] J. R. Cordy and T. C. N. Graham. Design of an interpretive environment for Turing. ACM SIGPLAN Notices, 22(7):199{204, July 1987. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <http://www.acm.org:80/pubs/citations/proceedings/plan/29650/p199-cordy/>

Cordy:1983:AN

- [CH83a] J. R. Cordy and R. C. Holt. Turing: A new general purpose computer language under UNIX. In Software Tools Users Group [Sof83], pages 249{254. ISBN ???? LCCN QA76.8.U65 U74 1983. Sponsored by USENIX Association in cooperation with Software Tools Users Group.

Cordy:1983:TNG

- [CH83b] J. R. Cordy and R. C. Holt. Turing: A new general purpose computer language under UNIX. In USENIX Association [USE83], pages 249{254. ISBN ???? LCCN ????

Clark:1996:LA

- [CM96] Andy Clark and P. J. R. (Peter J. R.) Millican, editors. *The legacy of Alan Turing: Connectionism, Concepts, and Folk Psychology*, volume 2 of *Mind Association occasional series*. Clarendon Press, Oxford, UK, 1996. ISBN 0-19-823594-1. ix + 281 pp. LCCN Q335.5 .L44 1996. URL <http://www.oup.co.uk/isbn/0-19-823594-1>

Cooper:2006:MWK

- [Coo06] S. Barry Cooper. *The Man Who Knew Too Much: Alan Turing and the Invention of the Computer*{A book review. *Notices of the American Mathematical Society*, 53(10):1213{1217, November 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/rev-cooper.pdf>

Copeland:2004:ETS

- [Cop04] B. Jack Copeland, editor. *The Essential Turing: Seminal Writings in Computing, Logic, Philosophy, Artificial Intelligence, and Artificial Life, plus The Secrets of Enigma*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2004. ISBN 0-19-825079-7 (hardcover), 0-19-825080-0 (paperback). viii + 613 pp. LCCN QA29.T8 E77 2004. URL <ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/>; <http://www.loc.gov/catdir/toc/fy053/2004275594.html>

Copeland:2005:ATA

- [Cop05a] B. Jack Copeland, editor. *Alan Turing's Automatic Computing Engine: the master codebreaker's struggle to build the modern computer*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2005. ISBN 0-19-856593-3 (hardcover). xx + 553 pp. LCCN QA75 .A43 2005. URL <http://ukcatalogue.oup.com/product/9780198565932.do>; <http://www.oxfordscholarship.com/oso/public/content/math/9780198565932/toc.html>

Copeland:2005:IGA

- [Cop05b] B. Jack Copeland. *The imitation game: Artificial intelligence and the human mind*. Inaugural Turing Memorial Lecture to be held on the evening of 25 August 2005 at Bletchley Park, Milton Keynes, August 25, 2005. URL <http://www.beds.bcs.org.uk/events/2005-08-25-Turing.shtml>.

Cop eland:2011:MCRa

- [Cop11a] B. Jack Copeland. The Manchester computer: A revised history part 1: The memory. *IEEE Annals of the History of Computing*, 33(1):4{21, January/March 2011. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Cop eland:2011:MCRb

- [Cop11b] B. Jack Copeland. The Manchester computer: A revised history part 2: The baby computer. *IEEE Annals of the History of Computing*, 33(1):22{37, January/March 2011. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic).

Corrigan:2007:TA

- [Cor07] Jim Corrigan. Alan Turing. *Pro les in mathematics*. Morgan Reynolds Pub., Greensboro, NC, USA, 2007. ISBN 1-59935-064-5. ???? pp. LCCN QA29.T8 C67 2007. URL <http://www.loc.gov/catdir/toc/ecip0713/2007011704.html>

Copeland:1999:AF

- [CP99] B. Jack Copeland and Diane Proudfoot. Alan Turing's forgotten ideas in computer science. *Scientific American*, 280(4):98{??, April 1999. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic).

Cop eland:2000:WTD

- [CP00] B. Jack Copeland and Diane Proudfoot. What Turing did after he invented the Universal Turing Machine. *Journal of Logic, Language, and Information*, 9(4):491{509, October 2000. CODEN JLLIEN. ISSN 0925-8531. URL <http://www.jstor.org/pss/40180239>

Cop eland:2001:ANT

- [CP01] Jack Copeland and Diane Proudfoot. *AlanTuring.net: the Turing Archive for the History of Computing*. World-Wide Web site., 2001. URL <http://www.alanturing.net/>

Co ok:2011:PPT

- [CPR11] Byron Cook, Andreas Podelski, and Andrey Rybalchenko. Proving program termination. *Communications of the Association for Computing Machinery*, 54(5):88{98, May 2011. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Crockett:1994:TTF

- [Cro94] Larry Crockett. The Turing test and the frame problem: AI's mistaken understanding of intelligence. Ablex series in artificial intelligence. Ablex Pub. Corp., Norwood, NJ, USA, 1994. ISBN 0-89391-926-8 (cl), 1-56750-030-7. viii + 216 pp. LCCN D894.C76

Curtis:1965:TMS

- [Cur65] M. W. Curtis. A Turing machine simulator. Journal of the ACM, 12(1):1{13, January 1965. CODEN JACOA. ISSN 0098-5547.

Davis:1965:UBP

- [Dav65] Martin Davis. The undecidable: basic papers on undecidable propositions, unsolvable problems and computable functions. Raven Press, New York, NY, USA, 1965. ISBN 0-911216-01-4. 439 pp. LCCN D382000

Davis:2000:UCR

- [Dav00] Martin Davis. The universal computer: the road from Leibniz to Turing. W. W. Norton & Co., New York, NY, USA, 2000. ISBN 0-393-04785-7. xii + 257 pp. LCCN QA76.17.D38 2000; QA76.17.D382000.

Davis:2006:WIR

- [Dav06] Martin Davis. What is :: Turing reducibility? Notices of the American Mathematical Society, 53(10):1218{1219, November 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/whatis-davis.pdf>

DeBrosse:2004:SBU

- [DB04] Jim DeBrosse and Colin B. Burke. The secret in Building 26: the untold story of America's ultra war against the U-boat Enigma codes. Random House, New York, NY, USA, 2004. ISBN 0-375-50807-4, 1-58836-353-8, 0-375-75995-6. xxix + 272 pp. LCCN D810.C88 D43 2004. URL <http://www.loc.gov/catdir/samples/random045/2003058494.html>; <http://www.randomhouse.com/catalog/display.pperl?isbn=9781588363534>

DeAngelis:2005:CPD

- [DB05] Gina DeAngelis and David J. Bianco. Computers: processing the data. Innovators. Oliver Press, Minneapolis, MN, USA, 2005. ISBN 1-881508-87-0. 143 pp. LCCN QA76.17 D43 2005.

Dewdney:1989:TOE

- [Dew89] A. K. Dewdney. The Turing omnibus: 61 excursions in computer science. Computer Science Press, Rockville, MD, USA, 1989. ISBN 0-7167-8154-9. xiv + 415 pp. LCCN QA761~~949~~.

Dewdney:1993:NTO

- [Dew93] A. K. Dewdney. The (new) Turing omnibus: 66 excursions in computer science. Computer Science Press, 11 Taft Court, Rockville, MD 20850, USA, 1993. ISBN 0-7167-8271-5. xvi + 455 pp. LCCN DA76.D45 1993; QA76 .D4~~48~~93.

Deavours:1990:TBW

- [DK90] C. A. Deavours and Louis Kruh. The Turing bombe: Was it enough? *Cryptologia*, 14(4):331{349, October 1990. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586 (electronic). Reprinted in [DKK pp.403{421].

Deavours:1998:SCH

- [DKK⁺98] Cipher A. Deavours, David Kahn, Louis Kruh, Greg Mellen, and Brian J. Winkel, editors. Selections From *Cryptologia: History, People, And Technology*. The Artech House telecommunications library. Artech House Inc., Norwood, MA, USA, February 1998. ISBN 0-89006-862-3. vii + 552 pp. LCCN Z103.S45 1998. US\$78.20. URL <http://www.opengroup.com/open/cbbooks/089/0890068623.shtml>. Third volume of selected papers from issues of *Cryptologia*.

Donofrio:2001:BIT

- [Don01a] Nick Donofrio. BCS / IEE Turing Lecture 2001: Technology, innovation and the new economy. World-Wide Web site., 2001. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/turing2001.htm>

Donofrio:2001:FM

- [Don01b] Nick Donofrio. Turing Memorial Lecture. *The Computer Journal*, 44(2):67{74, ??? 2001. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL <http://comjnl.oxfordjournals.org/cgi/reprint/44/2/67>; <http://www.math.utah.edu/pub/bibnet/authors/t/turing-alan-mathison.bit>; http://www.oup.co.uk/computer_journal/hdb/Volume_44/Issue_02/440067.sgm.abs.html; http://www3.oup.co.uk/computer_journal/hdb/Volume_44/Issue_02/freepdf/440067.pdf.

Endresen:1991:TA

- [EH91] Alexander Endresen and Ivar Hakonsen. TAPE (Turing Application Programming Environment): attribute grammar and language-based editor for the Turing programming language. Hovedoppgave i informatikk til cand. scient. eksamen [Thesis in computer science for the Cand. Scient. examination], Universitetet i Bergen, Bergen, Norway, 1991. Two volumes.

Epstein:2007:PTT

- [Eps07] Robert Epstein. Parsing the Turing Test. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2007. ISBN 1-402-06708-9. ???? pp. LCCN

Evans:1968:CKP

- [ER68] Christopher Riche Evans and A. D. J. Robertson, editors. Cybernetics: key papers. University Park Press, Baltimore, MD, USA, 1968. ISBN 0-8391-0015-9. viii + 289 pp. LCCN Q310

Evans:1981:MMH

- [Eva81] Christopher Evans. The Making of the Micro: A History of the Computer. Victor Gollanz, London, UK, 1981. ISBN 0-575-02913-7. 118 pp. LCCN ???

Feferman:2006:TT

- [Fef06] Solomon Feferman. Turing's thesis. Notices of the American Mathematical Society, 53(10):1200{1206, November 2006. CODEN AM-NOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/fea-feferman.pdf>

Feldman:1963:CTC

- [FF63] Julian Feldman and Edward A. Feigenbaum, editors. Computers and thought: a collection of articles. McGraw-Hill, New York, NY, USA, 1963. xvi + 535 pp. LCCN Q 335.5 S74.

Flynn:2002:CS

- [Fly02] Roger R. Flynn, editor. Computer sciences, volume 1. Macmillan Publishing Company, New York, NY, USA, 2002. ISBN 0-02-865567-2 (Volume 1: Foundations: Ideas and People (hardcover)), 0-02-865568-0 (Volume 2: Software and Hardware), 0-02-865569-9 (Volume 3: Social Applications), 0-02-865570-2 (Volume 4: Electronic Universe). ???? pp. LCCN QA76 .C572 2002.

Goranzon:1995:JAG

- [GK095] Bo Goranzon, Anders Karlqvist, and Eva Obenfeldner. *Jenseits aller Gewissheit: die Begegnung zwischen Alan Turing und Ludwig Wittgenstein*. (German) [Beyond all certainty: the meeting between Alan Turing and Ludwig Wittgenstein]. Haymon-Verlag, Innsbruck, Austria, 1995. ISBN 3-85218-203-4. 64 pp. LCCN ???? Translated from the Swedish and English by Eva Obenfeldner. With a foreword by Allan Tanik.

Gladwin:2001:AV

- [Gla01] Lee A. Gladwin. Alan Turing's visit to Dayton. *Cryptologia*, 25(1): 11{17, January 2001. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586(electronic).

Gladwin:2003:AMT

- [Gla03] Lee A. Gladwin. Alan M. Turing's "Critique of Running Short Cribs on the U. S. Navy Bombe". *Cryptologia*, 27(1):50{54, January 2003. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586(electronic).

Good:1992:IRA

- [Goo92] I. J. Good. Introductory remarks for the article in *Biometrika* 66 (1979), "A. M. Turing's Statistical Work in World War II". In *Pure mathematics* [Tur92b], pages 211{223. ISBN 0-444-88059-3. LCCN ???? Edited and with an introduction and postscript by J. L. Britton and Irvine John Good. With a preface by D. N. F.

Gottfried:1996:AT

- [Got96] Ted Gottfried. *Alan Turing: the architect of the computer age. An impact biography*. Franklin Watts, New York, NY, USA and London, UK, 1996. ISBN 0-531-11287-X. 128 + 16 pp. LCCN QA29.T8 G68 1996.

Goutefangea:1999:AP

- [Gou99] Patrick Goutefangea. *Alan Turing: la "pense" de la machine et l'idee de pratique*. (French) [Alan Turing: machine thought and practical idea]. Thesis (doctoral), Departement de philosophie, Universite de Nantes, Nantes, France, 1999. 243 pp. Published in 2001 by Presses universitaires du Septentrion, Villeneuve d'Ascq, F

Hull:1985:NT

- [HAC⁺85] T. E. Hull, A. Abraham, M. S. Cohen, A. F. X. Curley, C. B. Hall, D. A. Penny, and J. T. M. Sawchuk. *Numerical Turing*. ACM

SIGNUM Newsletter, 20(3):26{34, July 1985. CODEN SNEWD6.
ISSN 0163-5778 (print), 1558-0237 (electronic).

Hartree:1947:MTL

- [Har47] D. R. Hartree. A. M. Turing's lectures on ACE. World-Wide Web document, 1947. URL <http://turing.ecs.soton.ac.uk/browse.php/B/2>

Hawking:2005:GCI

- [Haw05] Stephen Hawking. God created the integers: the mathematical breakthroughs that changed history. Running Press Book Publishers, Philadelphia, PA and London, UK, 2005. ISBN 0-7624-1922-9 (hardcover). xiii + 1160 pp. LCCN ???? US\$29.95. URL http://www.perseusbooksgroup.com/runningpress/book_detail.jsp?isbn=0762419229

Holt:1987:TPL

- [HC87] Richard C. Holt and James R. Cordy. The Turing programming language. Technical Report 87-200, Department of Computing and Information Science, Queen's University at Kingston, Kingston, Ontario, Canada, 1987.

Holt:1988:TPLa

- [HC88] R. C. Holt and J. R. Cordy. The Turing programming language. Communications of the Association for Computing Machinery, 31(12):1410{1423, 1988. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Herken:1988:UTM

- [Her88] Rolf Herken, editor. The Universal Turing Machine: a half-century survey. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1988. ISBN 0-19-853741-7. xiv + 661 pp. LCCN QA267 .U55 1988.

Herken:1995:UTM

- [Her95] Rolf Herken, editor. The Universal Turing Machine: a half-century survey, volume 2 of Computerkultur. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1995. ISBN 3-211-82637-8 (paperback), 3-211-82628-9. ISSN 0946-9613. xvi + 611 pp. LCCN QA267 .U55 1995.

Hochhuth:1989:AT

- [HG89] Rolf Hochhuth and Ya'akov Gotshlak. Alan Turing. Sifriyat po'alim, Tel Aviv, Israel, 1989. ISBN 965-04-2049-5. 158 pp. LCCN ????

Holt:1984:ICS

- [HH84] R. C. (Richard C.) Holt and J. N. P. Hume. Introduction to computer science using the Turing programming language. Reston Publishing Co. Inc., Reston, VA, USA, 1984. ISBN 0-8359-3168-4, 0-8359-3167-6 (paperback). xii + 404 pp. LCCN QA76.846.23

Hume:1990:ICS

- [HH90] J. N. P. Hume and R. C. (Richard C.) Holt. Introduction to computer science using the Turing programming language. Holt Software Associates Inc., Toronto, ON, Canada, second edition, 1990. ISBN 0-921598-06-8. viii + 389 pp. LCCN QA 76.846.2

Hill:1993:TM

- [Hil93] Chris Hill. Alan Turing: a mathematical genius. Altrincham History Society Occasional Papers 1993.0,

Harrison:1992:TON

- [HM92] Harry Harrison and Marvin Lee Minsky. The Turing option: a novel. Warner Books, New York, NY, USA, 1992. ISBN 0-446-51565-5. 422 pp. LCCN PS3558.A667 T88 1992. US\$21.95 (US\$26.96an.).

Harman:2002:CSM

- [HM02] P. M. (Peter Michael) Harman and Simon Mitton, editors. Cambridge scientific minds. Cambridge University Press, Cambridge, UK, 2002. ISBN 0-521-78100-0, 0-521-78612-6 (paperback). viii + 343 pp. LCCN Q141 .C1283 2002. URL ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/; http://www.loc.gov/catdir/description/cam021/2001025664.html; http://www.loc.gov/catdir/samples/cam033/2001025664.html; http://www.loc.gov/catdir/toc/cam021/2001025664.html

Holt:1988:TPLb

- [HMRC88] R. C. (Richard C.) Holt, Philip A. Matthews, J. Alan Rosset, and James R. Cordy, editors. The Turing programming language: design and definition. Prentice-Hall, Upper Saddle River, NJ 07458, USA, 1988. ISBN 0-13-933136-0 (paperback). viii + 325 pp. LCCN QA76.73.T85 T87 1988.

Hochhuth:1987:AE

- [Hoc87] Rolf Hochhuth. Alan Turing: Erzählung (German) [Alan Turing: Narration]. Rowohlt, Reinbek bei Hamburg, Germany, 1987. ISBN 3-498-02879-0. 188 pp. LCCN PT2668.O31967.

Hodges:1983:AEa

- [Hod83a] Andrew Hodges. Alan Turing: the enigma. Burnett Books, London, UK, 1983. ISBN 0-09-152130-0. 587 + 8 pp. LCCN QA29.T8 H63 1983.

Hodges:1983:AEb

- [Hod83b] Andrew Hodges. Alan Turing: the enigma. Simon and Schuster, New York, NY, USA, 1983. ISBN 0-671-49207-1. 587 + [8] pp. LCCN QA29.T8 H63 1983.

Hodges:1985:AE

- [Hod85] Andrew Hodges. Alan Turing: the enigma of intelligence. Unwin Paperbacks, London, UK, 1985. ISBN 0-04-510060-8. 586 pp. LCCN ????

Hodges:1988:AO

- [Hod88] Andrew Hodges. Alan Turing ou l'enigme de l'intelligence. (French) [Alan Turing, or the enigma of intelligence]. Payot, Paris, France, 1988. ISBN 2-228-88081-7. 437 pp. LCCN

Hodges:1989:AEb

- [Hod89a] Andrew Hodges. Alan Turing, enigma, volume 1 of Computerkultur. Kammerer & Unverzagt, Berlin, Germany, 1989. ISBN 3-9801050-5-9. 662 pp. LCCN???

Hodges:1989:AEa

- [Hod89b] Andrew Hodges. Alan Turing, enigma. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1989. ISBN 3-211-82627-0. ???? pp. LCCN

Hodges:1992:AE

- [Hod92] Andrew Hodges. Alan Turing: the enigma. Vintage, London, UK, 1992. ISBN 0-09-911641-3. xix + 586 + 8 pp. LCCN

Hodges:1994:AE

- [Hod94] Andrew Hodges. Alan Turing, Enigma, volume 1 of Computerkultur. Springer-Verlag, Berlin, Germany / Heidelberg, Germany /

London, UK / etc., second edition, 1994. ISBN 3-211-82627-0. 662 pp. LCCN ????

Hodges:1997:ATHa

- [Hod97a] A. Hodges. The Alan Turing home page. World-Wide Web site., 1997. URL <http://www.turing.org.uk/turing/>

Hodges:1997:ATHb

- [Hod97b] Andrew Hodges. Alan Turing home page. World-Wide Web site., 1997. URL <http://www.wadham.ox.ac.uk/~ahodges/Turing.html>

Hodges:1997:TNP

- [Hod97c] Andrew Hodges. Turing: a natural philosopher, volume III of The great philosophers. Phoenix, London, UK, 1997. ISBN 0-7538-0192-2. 58 pp. LCCN QA29.T8 H62993 1997. URL <http://www.turing.org.uk/philosophy/book.html>

Hodges:1999:T

- [Hod99] Andrew Hodges. Turing, volume 3 of The great philosophers. Routledge & Kegan Paul, London, UK and New York, NY, USA, 1999. ISBN 0-415-92378-6. 58 pp. LCCN QA29.T8 H6992.

Hodges:2000:AE

- [Hod00] Andrew Hodges. Alan Turing: the enigma. Walker, New York, NY, USA, 2000. ISBN 0-8027-7580-2 (paperback). xvii + 587 + 8 pp. LCCN QA29.T8 H63 2000.

Hodges:2001:AO

- [Hod01] Andrew Hodges. Alan Turing ou l'enigme de l'intelligence. (French) [Alan Turing, or the enigma of intelligence]. Payot, Lausanne, Switzerland, 2001. ISBN ????? ????? pp. LCCN

Hodges:2002:EZS

- [Hod02] Andrew Hodges. ENIGMAycie i smierc Alana Turinga. (Polish) [Enigma: The life and times of Alan Turing]. Proszynski, Warszawa, Poland, 2002. ISBN 85-7255-087-5. ????? pp. LCCN ????? US\$. Translation to Polish by ~~to~~.

Hodges:2003:SEV

- [Hod03] Andrew Hodges. Storia di un enigma. Vita di Alan Turing (1912{ 1954). (Italian) [Story of an Enigma. Life of Alan Turing (1912{

1954)]. Bollati Boringhieri, Torino, Italy, 2003. ISBN 88-339-1501-8. 762 pp. LCCN????

Hodges:2006:ETB

- [Hod06] Andrew Hodges. The Essential Turing{A book review. Notices of the American Mathematical Society, 53(10):1190{1199, November 2006. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL <http://www.ams.org/notices/200610/rev-hodges.pdf>

Holt:1986:DGT

- [Hol86] Richard C. Holt. Design goals for the Turing programming language. Technical Report CSRI 187, Computer Systems Research Institute, University of Toronto, Toronto, Ontario, Canada, 1986. 44pp.

Holt:1990:ICS

- [Hol90] R. C. (Richard C.) Holt. Introduction to computer science using the Turing programming language. Holt Software Associates Inc., Toronto, Ontario, Canada, second edition, 1990. ISBN 0-921598-06-8. ???? pp. LCCN??

Holt:1988:CPO

- [HP88a] R. C. Holt and D. A. Penny. The concurrent programming of operating systems using the Turing Plus language. Technical Report ????, Computer Systems Research Institute, University of Toronto, Toronto, Ontario, Canada, 1988. 300p(est.)

Holt:1988:CPU

- [HP88b] R. C. Holt and D. A. Penny. Concurrent programming using the Turing Plus language. Technical Report ????, Computer Systems Research Institute, University of Toronto, Toronto, Ontario, Canada, 1988. 100p.

Hodges:2000:ATA

- [HP00] Andrew Hodges and Kimmo Pietilainen. Alan Turing, arvoitus. (Finnish) [Alan Turing, enigma]. Terra cognita, Helsinki, Finland, 2000. ISBN 952-5202-14-3. 604 + 8 pp. LCCN

Hinsley:1993:CIS

- [HS93] F. H. Hinsley and Alan Stripp, editors. Codebreakers: the inside story of Bletchley Park. Oxford University Press, Walton Street,

Oxford OX2 6DP, UK, 1993. ISBN 0-19-820327-6, 0-19-285304-X. xxi + 321 pp. LCCN D810.C88 M45993.

Huskey:1991:MED

- [Hus91] Harry D. Huskey. *Memoir: The early days*. *Annals of the History of Computing*, 13(3):290-306, July/September 1991. CODEN AHCOE5. ISSN 0164-1239. URL <http://dlib.computer.org/ann/books/an1991/pdf/a3285.pdf> <http://www.computer.org/annals/an1991/a3285abs.htm>

James:2006:ASH

- [Jam06] I. M. (Ioan Mackenzie) James. *Asperger's syndrome and high achievement: some very remarkable people*. Jessica Kingsley, London, UK, 2006. ISBN 1-84310-388-5 (paperback). 224 pp. LCCN RC553.A88 J32006.

Jastrow:1997:GGE

- [JTS97] Robert Jastrow, Alan M. Turing, and John Searle. *Giza garuna eta ordenadorea: (garunaren eboluzioaz)*. Gaiak, Donostia, Poland, 1997. ISBN 84-87203-98-1. 292 pp. LCCN

Knau :1999:CCM

- [KAB99] Bob Knau , Isaac Asimov, and Harry Blairy. *The colorful characters of mathematics*. Carolina Mathematics, Burlington, NC, USA, 1999. ISBN ???? LCCN ???? Set of posters on mathematicians through history, each with a portrait and biography.

Kidwell:1996:CWM

- [Kid96] P. Kidwell. *Collected works of A. M. Turing | morphogenesis*. *IEEE Annals of the History of Computing*, 18(4):69, October-December 1996. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). URL <http://ieeexplore.ieee.org/iel4/85/11673/00539923.pdf>

Kovac:2003:TLC

- [Kov03] Carol Kovac. *Turing Lecture 2003: Computing in the age of the genome*. World-Wide Web site., 2003. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/Turing2003/>

Laplante:1996:GPC

- [Lap96] Phillip Laplante, editor. *Great papers in computer science*. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1996. ISBN 0-314-06365-X (paperback),

- 0-7803-1112-4 (hardcover). iv + 717 pp. LCCN QA76 .G686 1996. US\$23.95. URL <http://bit.csc.lsu.edu/~chen/GreatPapers.html>.
- Lassegue:1998:T
- [Las98] Jean Lassegue. Turing. Belles Lettres, Paris, France, 1998. ISBN 2-251-76014-8. 210 pp. LCCN
- Leavitt:2005:MWK
- [Lea05] David Leavitt. The man who knew too much: Alan Turing and the invention of the computer. Great discoveries. W. W. Norton & Co., New York, NY, USA, 2005. ISBN 0-393-05236-2 (hardcover). 319 pp. LCCN QA29.T8 L43 2005. URL <ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/>; <http://www.loc.gov/catdir/toc/ecip0514/2005018034.html>
- Lehman:1970:DZR
- [Leh70] R. S. Lehman. On the distribution of zeros of the Riemann zeta-function. Proceedings of the London Mathematical Society. First Series, 3(20):303{320, ??? 1970. This paper corrects several errors in [Tur53b]. See also [T].
- Lemire:2004:AH
- [Lem04] Laurent Lemire. Alan Turing: l'homme qui a croque la pomme. (French) [Alan Turing: The man who broke the apple]. Hachette, Paris, France, 2004. ISBN 2-01-235618-4. 191 pp. LCCN
- Levy:1988:CCC
- [Lev88] David N. L. Levy. Computer chess compendium. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1988. ISBN 0-387-91331-9. 440 pp. LCCN GV1449.319887
- Levin:2006:MDT
- [Lev06] Janna Levin. A madman dreams of Turing machines. Alfred A. Knopf, New York, NY, USA, 2006. ISBN 1-4000-4030-2. 230 pp. LCCN PS3612.E9238 M33 2006. URL <http://www.loc.gov/catdir/enhancements/fy0643/2005037124-s.html>; <http://www.loc.gov/catdir/enhancements/fy0661/2005037124-p.html>; <http://www.loc.gov/catdir/enhancements/fy0661/2005037124-d.html>
- Lewin:1978:UGW
- [Lew78] Ronald Lewin. Ultra Goes to War: The Secret Story. Hutchinson, London, UK, 1978. ISBN 0-09-134420-4. 398 pp. LCCN ????

Lindsay:1997:BC

- [LJWH97] Charles Lindsay, Derek Jacobi, Hugh Whitmore, and Andrew Hodges. *Breaking the code*, 1997. ISBN 1-56442-662-9. Based on the play of the same title by Hugh Whitmore, and on the book, *\Alan Turing: the enigma*", by Andrew Hodges. Originally broadcast as an episode of the PBS television series, *Mobil masterpiece theatre Credits: Director of photography, Robin Vidgeon ; editor, Laurence Mery-Clark ; introduced by Russell Baker Performers: Derek Jacobi, Alun Armstrong, Richard Johnson, Harold Pinter, Amanda Root, Prunella Scales* The story of Alan Turing, British mathematical genius and designer of the computer that broke the German Enigma code during World War II, whose admittance to homosexuality at a time when it was illegal presented problems for him, for his family, for his colleagues, and for the State's preoccupation with national security

Lombardi:2005:LML

- [Lom05] Gabriel Lombardi. *L'aventure mathématique: liberté et rigueur psychotiques, Cantor, Godel, Turing.* (French) [Mathematical adventure: freedom and psychotic rigor: Cantor, Godel, Turing]. In progress. Champ lacanien, Paris, France, 2005. ISBN 2-914332-10-6. 227 pp. LCCN????

Lighthill:1951:MCM

- [LTM⁺51] M. J. Lighthill, G. C. Tootill, J. C. P. Miller, A. M. Turing, and E. A. Newman. *Manchester computing machine: general topics.* Technical report, Manchester University, Manchester, UK, 1951. ??? pp. Reproduced in [WCK89] 94{196}.

Mahon:2010:NEH

- [Mah10] A. P. Mahon. *Naval Enigma : the history of Hut Eight 1939{1945, volume 7 of Bletchley archive.* Military Press, Milton Keynes, UK, 2010. ISBN 0-85420-443-1. 119 (est.) pp??ECCN

Mairs:2006:TLL

- [Mai06] Chris Mairs. *Turing Lecture 2006: Lifestyle access for the disabled | adding positive drift to the random walk with technology.* World-Wide Web site., January 26, 2006. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/Turing2006/>

Mangel:1990:CTB

- [Man90] Marc Mangel, editor. *Classics of theoretical biology: from material presented at a meeting held on 5 July 1988 in Oxford, UK.* Bulletin

of mathematical biology. Pergamon, New York, NY, USA, 1990. ISBN ???? 334 (vol. 1), 3326 (vol. 2) pp. LCCN ???? Two volumes. Printed in Bulletin of mathematical biology (ISSN 0092-8240) 52(1/2) 1990 and 53(1991).

Millican:1996:ITA

- [MC96] P. J. R. (Peter J. R.) Millican and Andy Clark, editors. The legacy of Alan Turing: Machines and Thought, volume 1 of Mind Association occasional series. Clarendon Press, Oxford, UK, 1996. ISBN 0-19-823593-3. x + 297 pp. LCCN Q335.5 ~~1996~~.

McGrayne:2011:TWH

- [McG11] Sharon Bertsch McGrayne. The theory that would not die: how Bayes' rule cracked the Enigma code, hunted down Russian submarines, and emerged triumphant from two centuries of controversy. Yale University Press, New Haven, CT, USA, 2011. ISBN 0-300-16969-8. xiii + 320 pp. LCCN QA279.5 ~~2011~~15

Michie:1980:TOC

- [Mic80] Donald Michie. Turing and the origins of the computer. New scientist, 85(195):580{583, 1980. CODEN NWSCAL. ISSN 0262-4079, 0028-6664.

Mishra:2009:TPW

- [Mis09] Bud Mishra. Technical perspective: Where biology meets computing. Communications of the Association for Computing Machinery, 52(3):96, March 2009. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317(electronic).

Morris:1984:EPP

- [MJ84] F. L. Morris and C. B. Jones. An early program proof by Alan Turing. Annals of the History of Computing, 6(2):139{143, April/June 1984. CODEN AHCOE5. ISSN 0164-1239. URL <http://dlib.computer.org/an/books/an1984/pdf/a2139.pdf>; <http://www.computer.org/annals/an1984/a2139abs.htm>

Meltzer:1969:MI

- [MM69a] Bernard Meltzer and Donald Michie, editors. Machine intelligence, volume 5. Edinburgh University Press, Edinburgh, Scotland, 1969. CODEN ???? ISBN 0-85224-176-3. ISSN 0076-2032, 0541-6418. vii + 588 pp. LCCN Q336. With a previously unpublished report by A. M. Turing. Annual machine Intelligence Workshop.

Michie:1969:MI

- [MM69b] Donald Michie and Bernard Meltzer, editors. Machine intelligence 5. Edinburgh University Press, Edinburgh, Scotland, 1969. ISBN 0-85224-176-3. 596 pp. ~~LCCN~~.

Meltzer:1972:MI

- [MM72] Bernard Meltzer and Donald Michie, editors. Machine intelligence 7. Edinburgh University Press, Edinburgh, UK, 1972. ISBN 0-85224-234-4. ~~LCCN~~??

Mo or:2003:TTE

- [Moo03] James Moor, editor. The Turing Test: the elusive standard of artificial intelligence. Kluwer Academic Publishers, Dordrecht, The Netherlands, 2003. ISBN 1-4020-1204-7. vi + 273 pp. LCCN Q341 .T872003.

Murray:1993:MB

- [Mur93] J. D. (James Dickson) Murray. Mathematical Biology, volume 19 of Biomathematics. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1993. ISBN 3-540-57204-X. xiv + 767 pp. LCCN QH323.5 .M993.

Newton:2003:ATS

- [New03] David E. Newton. Alan Turing: a study in light and shadow. Xlibris, Philadelphia, PA, USA, 2003. ISBN 1-4010-9080-X. 122 pp. LCCN ????

Newman:1942:FTC

- [NT42] M. H. A. Newman and A. M. Turing. A formal theorem in Church's theory of types. Journal of Symbolic Logic, 7:28{33, 1942. CODEN JSYLA6. ISSN0022-4812.

Numerico:2005:ATI

- [Num05] Teresa Numerico. Alan Turing e l'intelligenza delle macchine. (Italian) [Alan Turing and machine intelligence]. FrancoAngeli, Milan, Italy, 2005. ISBN 88-464-6136-3. 208 pp. LCCN ??? URL <http://www.loc.gov/catdir/toc/casalini01/05052807.pdf>

Papadimitriou:2003:TNA

- [Pap03] Christos H. Papadimitriou. Turing: a novel about computation. MIT Press, Cambridge, MA, USA, 2003. ISBN 0-262-16218-0 (hc.). 284 pp. LCCN PS3616.A58 T87 2003.

Patera:2007:MAH

- [Pat07] Valeria Patera. *La mela di Alan: hacking the Turing test: cyber-tragicommedia*. Teatro. Di Renzo, Roma, Italy, 2007. ISBN 88-8323-170-8. 118 pp. LCCN?

PazSoldan:2003:DT

- [Paz03] Edmundo Paz Soldan. *El delirio de Turing*. [(Spanish)] *The delirium of Turing*. Alfaguara. Santillana de Ediciones, La Paz, Bolivia, 2003. ISBN 99905-2-283-9. 313 pp. LCCN MLCM 2007/41947

Perelgut:1988:TPC

- [PC88] S. Perelgut and J. R. Cordy. *Turing Plus: a comparison with C and Pascal*. *ACM SIGPLAN Notices*, 23(1):137{143, January 1988. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160(electronic).

PazSoldan:2006:TD

- [PC06] Edmundo Paz Soldan and Lisa Carter. *Turing's delirium*. Houghton-Mi in, Boston, MA, USA, 2006. ISBN 0-618-54139-X. 291 pp. LCCN PQ7820.P39 D4513 2006. URL <http://www.loc.gov/catdir/enhancements/fy0623/2005024726-d.html>; <http://www.loc.gov/catdir/enhancements/fy0668/2005024726-s.html>; <http://www.loc.gov/catdir/enhancements/fy0736/2005024726-b.html>

Petzold:2008:PG

- [Pet08] Charles Petzold. *The annotated Turing: a guided tour through Alan Turing's historic paper on computability and the Turing Machine*. Wiley, New York, NY, USA, 2008. ISBN 0-470-22905-5 (paperback). xii + 372 pp. LCCN QA267 .P48008.

Piper:2004:TLC

- [Pip04] Fred Piper. *Turing Lecture 2004: Cyberworld security | the good, the bad and the ugly*. World-Wide Web site., 2004. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/Turing2004/>

Piper:2005:CSG

- [Pip05] Fred Piper. *Turing Lecture: Cyberworld security|the good, the bad and the ugly*. *The Computer Journal*, 48(2):145{156, March 2005. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL <http://comjnl.oxfordjournals.org/cgi/reprint/48/2/145>; <http://www.math.utah.edu/pub/bilnet/>

- authors/t/turing-alan-mathison.bib; http://www3.oup.co.uk/computer_journal/hdb/Volume_48/Issue_02/bxh076.sgm.abs.html; http://www3.oup.co.uk/computer_journal/hdb/Volume_48/Issue_02/pdf/bxh076.pdf
- Pool:1992:DTD
- [Poo92] Robert Pool. Did Turing Discover How the Leopard Got Its Spots?: Understanding the way a simple chemical system produces patterns may offer insights into animal development. ACM SIGPLAN Notices, 27(12):28, December 1992. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1518-1160 (electronic).
- Prager:2001:T
- [Pra01] John Prager. On Turing. Wadsworth philosophers series. Wadsworth/Thomson Learning, Belmont, CA, USA, 2001. ISBN 0-534-58364-4. 83 pp. LCCN QA29.T82P73.
- Randell:1972:TOa
- [Ran72a] Brian Randell. On Alan Turing and the origins of digital computers. Technical report CS-TR 33, Computing Laboratory, University of Newcastle upon Tyne, Newcastle upon Tyne, UK, 1972. 36 pp. URL <http://www.cs.ncl.ac.uk/research/pubs/books/papers/126.pdf>; <http://www.cs.ncl.ac.uk/research/pubs/trs/abstract.php?number=33>
- Randell:1972:TOb
- [Ran72b] Brian Randell. On Alan Turing and the origins of digital computers. In Meltzer and Michie [MM72], pages 3{20. ISBN 0-85224-234-4. LCCN ???? URL <http://www.cs.ncl.ac.uk/research/pubs/books/papers/126.pdf>
- Randell:2000:TML
- [Ran00] Brian Randell. Turing Memorial Lecture: Facing up to faults. The Computer Journal, 43(2):95{106, ???? 2000. CODEN CMPJA6. ISSN 0010-4620 (print), 1460-2067 (electronic). URL <http://www.cs.ncl.ac.uk/research/pubs/articles/papers/245.pdf>; http://www3.oup.co.uk/computer_journal/hdb/Volume_43/Issue_02/430095.pdf; http://www3.oup.co.uk/computer_journal/hdb/Volume_43/Issue_02/430095.sgm.abs.html.

Rigamonti:1991:TGS

- [Rig91] Gianni Rigamonti. Turing: il genio e lo scandalo. (Italian) [Turing: the genius and the scandal]. Flaccovio, Palermo, Italy, 1991. ISBN 88-7804-055-X. 123 pp. LCCN?

Raphael:2000:GP

- [RM00a] Frederic Raphael and Ray Monk, editors. The great philosophers. Routledge & Kegan Paul, London, UK and New York, NY, USA, 2000. ISBN 0-415-92817-6. 469 pp. LCCN B292.0077

Raphael:2000:GPS

- [RM00b] Frederic Raphael and Ray Monk, editors. The Great Philosophers: From Socrates to Turing. Weidenfeld and Nicolson, London, UK, 2000. ISBN 0-297-64590-0. 469 pp. LCCN B722.00742

Raphael:2001:GPS

- [RM01] Frederic Raphael and Ray Monk, editors. The Great Philosophers: From Socrates to Turing. Phoenix, London, UK, 2001. ISBN 0-7538-1136-7. 570 pp. LCCN?

Robinson:1997:GIP

- [Rob97] Daniel N. Robinson. The great ideas of philosophy: Lecture 49: Breaking the code, Alan Turing in the forest of wisdom. Lecture on audio cassette 1997.

Saunders:1993:AB

- [Sau93] P. T. Saunders. Alan Turing and biology. IEEE Annals of the History of Computing, 15(3):33-40, July-September 1993. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). URL <http://dlib.computer.org/an/books/an1993/pdf/a3033.pdf>; <http://www.computer.org/annals/an1993/a3033abs.htm>

Scheutz:2002:CND

- [Sch02] Matthias Scheutz, editor. Computationalism: new directions. MIT Press, Cambridge, MA, USA, 2002. ISBN 0-262-19478-3. xiii + 209 pp. LCCN QA76 .C54747 2002. URL <ftp://uiarchive.cs.uiuc.edu/pub/etext/gutenberg/>; <http://www.loc.gov/catdir/toc/fy034/2002019570.html>

Schonhage:1994:AM

- [SGV94] Arnold Schonhage, Andreas F. W. Grotfeld, and Ekkehart Vet-ter. Fast algorithms: a multitape Turing machine implementation.

B.I. Wissenschaftsverlag, Mannheim, Germany, 1994. ISBN 3-411-16891-9. x + 297 pp. LCCN QA76.9.A43 B994.

Shieber:2004:TTV

- [Shi04] Stuart M. Shieber, editor. *The Turing test: verbal behavior as the hallmark of intelligence*. MIT Press, Cambridge, MA, USA, 2004. ISBN 0-262-69293-7 (paperback). xi + 346 pp. LCCN Q341 .T874 2004.

Smith:2005:TMS

- [Smi05] S. W. Smith. *Turing is from Mars, Shannon is from Venus: computer science and computer engineering*. *IEEE Security & Privacy*, 3(2):66{69, March/April 2005. CODEN ???? ISSN 1540-7993 (print), 1558-4046 (electronic). URL <http://ieeexplore.ieee.org/iel5/8013/30742/01423965.pdf>, http://ieeexplore.ieee.org/xpls/abs_all.jsp?isnumber=30742&arnumber=1423965&count=15&index=11

Smiley:2010:MWI

- [Smi10] Jane Smiley. *The man who invented the computer: the biography of John Atanaso , digital pioneer*. Doubleday, New York, NY, USA, 2010. ISBN 0-385-52713-6. 246 + 8 pp. LCCN QA76.2.A75 S64 2010.US\$25.95.

STUG:1983:PUA

- [Sof83] Software Tools Users Group, editor. *Proceedings: USENIX Association [and] Software Tools Users Group Summer Conference, Toronto 1983, July 1983, Toronto, Ontario, Canada*. USENIX, P.O. Box 7, El Cerrito 94530, CA, USA, 1983. ISBN ???? LCCN QA76.8.U65 U74 1983. Sponsored by USENIX Association in cooperation with Software Tools Users Groups

Stewart:1990:DTM

- [Ste90] I. A. Stewart. *The demise of the Turing Machine in complexity theory*. Technical report 310, Computing Laboratory, University of Newcastle upon Tyne, Newcastle upon Tyne, UK, 1990. 11

Stewart:1994:SNT

- [Ste94] Ian Stewart. *A subway named Turing*. *Scientific American*, 271(3):90{??, September 1994. CODEN SCAMAC. ISSN 0036-8733 (print), 1946-7087 (electronic).

Strathern:1999:TCB

- [Str99] Paul Strathern. Turing and the computer: The Big Idea. The big idea. Anchor Press/Doubleday, Garden City, NY, USA, 1999. ISBN 0-385-49243-X (paperback). 105 pp. LCCN QA76.1999S77

Szepietowski:1994:TMS

- [Sze94] Andrzej Szepietowski. Turing machines with sublogarithmic space, volume 843 of Lecture notes in computer science. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. ISBN 3-540-58355-6 (New York), 0-387-58355-6 (Berlin). viii + 114 pp. LCCN QA267 .S9871994.

Teuscher:2004:AL

- [Teu04] Christof Teuscher, editor. Alan Turing: life and legacy of a great thinker. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2004. ISBN 3-540-20020-7. xxviii + 542 pp. LCCN QA29.T8 A57 2004. Foreword by Doug Hofstadter.

Turing:1995:MT

- [TG95] Alan Turing and Jean-Yves Girard. La machine de Turing. Seuil, Paris, France, 1995. ISBN 2-02-013571-X. 174 pp. LCCN ????. Translated from English by Julien Basch et Patrick Blanc

Therkildsen:1987:GAA

- [The87] Tom Therkildsen. En gjennomgang av Alan M. Turing's artikkel: "On computable numbers, with an application to the Entscheidungsproblem" (1936), og en drøfting av dens datafaglige aspekter. (Norwegian) [A review of Alan M. Turing's article "On computable numbers, with an application to the Entscheidungsproblem" (1936), and a discussion of its computational aspects]. ????, 1987. Prosjekt 'UTM': en universitetsrapport.

Tomayko:1988:AA T

- [THWV88] James E. Tomayko, Peter Hilton, Richard Louis Weis, and Alfred Van Sinderen. Anecdotes: Alan Turing in the Home Guard; Overcoming Murphy's Law; Babbage and the Scheutz Machine at Dudley Observatory. Annals of the History of Computing, 10(2):133-139, April/June 1988. CODEN AH-COE5. ISSN 0164-1239. URL <http://dlib.computer.org/annals/an1988/pdf/a2133b.pdf>; <http://www.computer.org/annals/an1988/a2133babs.htm>.

Tofts:2003:PCI

- [TJC03] Darren Tofts, Annemarie Jonson, and Alessio Cavallaro, editors. Pre guring cyberculture: an intellectual history. MIT Press, Cambridge, MA, USA, 2003. ISBN 0-262-20145-3. xiv + 322 pp. LCCN T173.8 .P682002b.

Turing:1985:MM

- [TPD85] A. M. Turing, H. Putnam, and D. Davidson. *Mentes y maquinas*. (Spanish) [Minds and machines]. Tecnos, Madrid, Spain, 1985. ISBN ????? 126 pp. LCCN ????

Tropp:1993:CQD

- [Tro93] Henry S. Tropp. Comments, queries, and debate: Turing's visit to the United States. *IEEE Annals of the History of Computing*, 15(1):10, January{March 1993. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). URL <http://dlib.computer.org/an/books/an1993/pdf/a1007.pdf>. See [correction](#). [T

Tropp:1995:CQD

- [Tro95] Henry S. Tropp. Comments, queries, and debate: Correction: Turing's visit to the United States. *IEEE Annals of the History of Computing*, 17(3):6, Fall 1995. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). URL <http://ieeexplore.ieee.org/iel4/85/8988/00397054.pdf>. See [IT](#).

Trudgian:2011:ITM

- [Tru11] Timothy Trudgian. Improvements to Turing's method. *Mathematics of Computation*, 80(276):2259{2279, October 2011. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <http://www.ams.org/journals/mcom/2011-80-276/S0025-5718-2011-02470-1/home.html>; <http://www.ams.org/journals/mcom/2011-80-276/S0025-5718-2011-02470-1/S0025-5718-2011-02470-1.pdf>; <http://www.ams.org/mathscinet-getitem?mr=2813359>. See [Tur53b, Lph70

Turing:1935:ELR

- [Tur35] A. M. Turing. Equivalence of left and right almost periodicity. *Journal of the London Mathematical Society*, 10:284{285, 1935. CODEN JLMSAK. ISSN 0024-6107. URL <http://turing.ecs.soton.ac.uk/browse.php/B/10>.

Turing:1936:CNA

- [Tur36] A. M. Turing. On computable numbers, with an application to the Entscheidungsproblem. Proceedings of the London Mathematical Society. Second Series, 42:230{265, 1936. CODEN PLMTAL. ISSN 0024-6115. This is the paper that introduced what is now called the Universal Turing Machine. See correction [Tur37b]. Reprinted in [Haw05].

Turing:1937:CD

- [Tur37a] A. M. Turing. Computability and undecidability. Journal of Symbolic Logic, 2:153{163, 1937. CODEN JSYLA6. ISSN 0022-4812. URL <http://turing.ecs.soton.ac.uk/browse.php/B/11>

Turing:1937:CNA

- [Tur37b] A. M. Turing. On computable numbers, with an application to the Entscheidungsproblem. A correction. Proceedings of the London Mathematical Society. Second Series, 43:544{546, 1937. URL <http://turing.ecs.soton.ac.uk/browse.php/B/12.usa6>].T

Turing:1937:G

- [Tur37c] A. M. Turing. The λ -function in λ -conversion. Journal of Symbolic Logic, 2(4):164, December 1937. CODEN JSYLA6. ISSN 0022-4812. URL <http://homepage.mac.com/a.eppendahl/work/others/pflkc/>

Turing:1938:EG

- [Tur38a] A. M. Turing. The extensions of a group. Compositio Mathematica, 5(3):357{367, 1938. CODEN CMPMAF. ISSN 0010-437X (print), 1570-5846 (electronic). URL <http://turing.ecs.soton.ac.uk/browse.php/B/14>; http://www.numdam.org/item?id=CM_1938__5__357_0

Turing:1938:AL

- [Tur38b] A. M. Turing. Finite approximations to Lie groups. Annals of Mathematics (2), 39(1):105{111, January 1938. CODEN AN-MAAH. ISSN 0003-486X. URL <http://turing.ecs.soton.ac.uk/browse.php/B/13>

Turing:1938:SLB

- [Tur38c] Alan Mathison Turing. Systems of logic based on ordinals: a dissertation. Ph.D. dissertation, Cambridge University, Cambridge, UK,

1938. 161{228 + 8 pp. URL <http://turing.ecs.soton.ac.uk/browse.php/B/15>. Published by Hodgson Son, London,
- Turing:1939:SLB
- [Tur39] A. M. Turing. Systems of logic based on ordinals. Proceedings of the London Mathematical Society. Second Series, 493961{228,
- Turing:1940:TE
- [Tur40] Alan M. Turing. Turing's treatise on Enigma [the Prof's book]. Report, ????, Bletchley Park, UK, 1940. 140 pp. URL <http://frode.home.cern.ch/frode/crypto/Turing/index.html><http://www.turing.org.uk/publications/profsbook.html>. Retypeset by Ralph Erskine, Philip Marks, and Frode Weierud from previously-secret material released in April 1996 by the US National Security Agency as reference number NR 964, Box 201, RG 457. The correct title was later found from British sources to be Mathematical Theory of ENIGMA Machine
- Turing:1942:UDB
- [Tur42] A. M. Turing. The use of dots as brackets in Church's system. Journal of Symbolic Logic, 7(4):146{156, December 1942. CODEN JSYLA6. ISSN 0022-4812. URL <http://turing.ecs.soton.ac.uk/browse.php/B/16>
- Turing:1943:MCZ
- [Tur43] A. M. Turing. A method for the calculation of the zeta-function. Proceedings of the London Mathematical Society. Second Series, 48:180{197, 1943. URL <http://turing.ecs.soton.ac.uk/browse.php/B/17>
- Turing:1945:PDM
- [Tur45] A. M. Turing. Proposal for development in the Mathematics Division of an Automatic Computing Engine (ACE). Report E.882, Executive Committee, National Physical Laboratory, Teddington, UK, 1945. ??? pp. Reprinted in [CD86, pp. 20-105] and [Tur92c, pp. 1{86]. See also [CD77] for an analysis of the
- Turing:1946:PEC
- [Tur46] A. M. Turing. Proposed electronic calculator. Report, National Physical Laboratory, Teddington, UK, 1946. 48 pp. URL http://www.emula3.com/docs/Turing_Report_on_ACE.pdf.

Turing:1947:LMF

- [Tur47] A. M. Turing. Lecture to London Mathematical Society, February 20, 1947. Turing Digital Archive, 1947. URL <http://turing.ecs.soton.ac.uk/browse.php/B/1>

Turing:1948:IM

- [Tur48a] A. M. Turing. Intelligent machinery. Report, National Physical Laboratory, Teddington, UK, 1948. ??? pp. Reprinted in [ER68] and [MM69b, pp3{23}].

Turing:1948:PFT

- [Tur48b] A. M. Turing. Practical forms of type theory. Journal of Symbolic Logic, 13:80{94}, 1948. CODEN JSYLA6. ~~0928~~-4812.

Turing:1948:REM

- [Tur48c] A. M. Turing. Rounding-o errors in matrix processes. Quarterly Journal of Mechanics and Applied Mathematics, 1 (part 3):287{308}, September 1948. CODEN QJMMAV. ISSN 0033-5614. URL <http://turing.ecs.soton.ac.uk/browse.php/B/18>. Reprinted in [Tur92b] with summary and notes (includ~~ed~~entions).

Turing:1949:CLR

- [Tur49] Alan M. Turing. Checking a large routine. In Anonymous [Ano49], pages 67{69. LCCN ??? URL <http://www.turingarchive.org/browse.php/B/8>. A corrected version is printed in [MJ84]. The original is reprinted in [WCK80{72}].

Turing:1950:CMI

- [Tur50a] A. M. Turing. Computing machinery and intelligence. MIND: A Quarterly Review of Pyschology and Philosophy, 59(236):433{460}, October 1950. CODEN ??? ISSN 0026-4423. URL <http://turing.ecs.soton.ac.uk/browse.php/B/19>; <http://turing.ecs.soton.ac.uk/browse.php/B/9>. Reprinted in [FF63, Tur92d].

Turing:1950:WPS

- [Tur50b] A. M. Turing. The word problem in semi-groups with cancellation. Annals of Mathematics (2), 52:491{505}, 1950. CODEN AN-MAAH. ISSN 0003-486X. URL <http://turing.ecs.soton.ac.uk/browse.php/B/31>.

Turing:1951:LPM

- [Tur51a] A. M. Turing. Local programming methods and conventions. In Anonymous [Ano51], page ?? LCCN ???? Reproduced in Part III of the Mathematical Logic volume of the Collected Works [Tur01b] and in [WCK89, p178].

Turing:1951:PHM

- [Tur51b] A. M. Turing. Programmers' handbook for Manchester electronic computer. Mark II. University of Manchester, Manchester, UK, 1951. URL <http://turing.ecs.soton.ac.uk/browse.php/B/32>

Turing:1952:CBM

- [Tur52] A. M. Turing. The chemical basis of morphogenesis. Philosophical transactions of the Royal Society of London Series B, Biological sciences, B 237(641):37{72, August 14, 1952. CODEN PTRBAE. ISSN 0962-8436. URL <http://turing.ecs.soton.ac.uk/browse.php/B/22>. Reprinted in [Man90, p197].

Turing:1953:DCA

- [Tur53a] A. M. Turing. Digital computers applied to games. In Bowden [Bow53], page ?? LCCN QA76.5 .B66. Turing wrote only the part on chess. The draughts part is due to Christopher Strachey, and the nim part may be due to Audrey

Turing:1953:SCR

- [Tur53b] A. M. Turing. Some calculations of the Riemann zeta-function. Proceedings of the London Mathematical Society. Third Series, 3(3): 99{117, 1953. CODEN PLMTAL. ISSN 0024-6115. URL <http://turing.ecs.soton.ac.uk/browse.php/B/21>. See corrections and improvements [Leh70], and [Tru11]. The latter comments: "Turing's Method has become the standard technique used in modern verification of the Riemann hypothesis."

Turing:1954:SUP

- [Tur54] A. M. Turing. Solvable and unsolvable problems. Science News (Penguin Books), 31(??):7{13, February 1954

Turing:1959:AMT

- [Tur59] Ethel Sara Stoney Turing. Alan M. Turing. W. He er and Sons, Cambridge, UK, 1959. xiv + 157 pp. LCCN QA29.T8 T8.

Turing:1960:KMD

- [Tur60a] A. M. Turing. Kann eine Maschine denken? [Mozet li masina myslit'?] Mit einem Anhang von J. von Neumann: Allgemeine und logische Theorie der Automaten. [Obscaja i logiceskaja teorija avtomatov.]. (German) [Can a machine think? With an appendix by J. von Neumann: General and Logical Theory of Automata]. Staatsverlag fur physikalisch-mathematische Literatur, Moscow, USSR, 1960. 112 pp. LCCN???

Turing:1960:MLM

- [Tur60b] Alan M. Turing. Mozhet li mashina myslit? With a supplement by J. von Neumann. Translated from the English by Ju. A. Danilov; edited and with a foreword by S. A. Janovskaja. Gosudarstv. Izdat. Fiz.-Mat. Lit., Moscow, USSR, 1960. 112 pp. LCCN???

Turing:1965:SLB

- [Tur65] Alan M. Turing. Systems of logic based on ordinals. In *The undecidable: basic papers on undecidable propositions, unsolvable problems and computable functions* [Dav65], pages 154{222. ISBN 0-911216-01-4. LCCN????

Turing:1969:IM

- [Tur69] A. M. Turing. Intelligent machinery. *Machine Intelligence*, 5:3{23, 1969. CODEN ????? ISSN 0076-200341-6418.

Turing:1972:MTO

- [Tur72] A. Turing. A. M. Turing's original proposal for the development of an electronic computer. Report, Division of Computer Science, National Physical Laboratory, Teddington, UK, April 1972. Reprint, with a foreword by D. W. Davies. The National Archives of the UK: DSIR 30/163, page

Turing:1974:PPM

- [Tur74] A. M. Turing. >Puede pensar una maquina? Departamento de Logica y Filosofia de la Ciencia, Universidad de Valencia, Valencia, Spain, 1974. ISBN 84-600-6348-8. 64 pp. LCCN???? Translation by Manuel Garrido and Amador Anton from the English original (*Mind* 59 (1950), 433{460), *Quadernos Teorema*, No.

Turing:1986:LLM

- [Tur86] Alan Mathison Turing. Lecture to the London Mathematical Society on 20 February 1947. *M.D. computing: computers in medical*

practice, 12(5):390{397, September/October 1986. CODEN MD-COE7. ISSN0724-6811.

Turing:1987:ISS

- [Tur87] Alan M. Turing. *Intelligence Service: Schriften*. (German) [Intelligence Service: Writings]. Brinkmann und Bose, Berlin, Germany, 1987. ISBN 3-922660-22-3. 239 pp. LCCN ???? Edited by Bernhard Dotzler and Friedrich Kitchler.

Turing:1992:M

- [Tur92a] A. M. Turing. *Morphogenesis*. Collected Works of A. M. Turing. North-Holland, Amsterdam, The Netherlands, 1992. ISBN 0-444-88486-6. xxvi + 131 pp. LCCN ???? With a preface by P. N. Furbank and edited by P. S. Furbank.

Turing:1992:PM

- [Tur92b] A. M. Turing. *Pure mathematics*. Collected Works of A. M. Turing. North-Holland, Amsterdam, The Netherlands, 1992. ISBN 0-444-88059-3. xxii + 287 pp. LCCN ???? Edited and with an introduction and postscript by J. L. Britton and Irvine John Good. With a preface by P. N. Furbank.

Turing:1992:MI

- [Tur92c] Alan Mathison Turing. *Mechanical intelligence*. Collected works of A.M. Turing. North-Holland, Amsterdam, The Netherlands, 1992. ISBN 0-444-88058-5. xix + 227 pp. LCCN Q335.5 .T87 1992. Edited and with an introduction by D. C. (Darrel C.) Ince, and with a preface by P. N. Furbank.

Turing:1994:IM

- [Tur94] Alan M. Turing. *Intelligenza meccanica*, volume 268 of *Serie Scientifica* [Science Series]. Bollati Boringhieri, Turin, Italy, 1994. ISBN 88-339-0880-1. 160 pp. LCCN ???? Translated from the 1992 English original by Gabriele Lolli and Nino Dazzi with the collaboration of Luisa Conte, Translation edited and with an introduction by Lolli.

Turing:1996:IMH

- [Tur96] A. M. Turing. *Intelligent machinery, a heretical theory*. *Philosophia Mathematica*. Series III, 4(3):256{260, 1996. CODEN ???? ISSN 0031-8019.

Turing:1999:TTE

- [Tur99] Alan Turing. Turing's treatise on Enigma. Technical report, CERN, Geneva, Switzerland, 1999. URL <http://home.cern.ch/~frode/crypto/Turing/index.html>. This document is retyped from the original (undated??) Turing typescript by the editors Ralph Erskine, Philip Marks and Frode Weierud. Chapters 1, 2, and 6 (of 8) are available; the remainder is ~~in preparation~~.

Turing:19xx:NNN

- [Turxx] A. M. Turing. A note on normal numbers. Unpublished, undated, and reprinted first in [Tur92b, pp. 117{119]; handwritten on the back of part of the draft typescript of the only known surviving original of [Tur36]. See [BFP07] for a detailed review and extension of this work., 19xx. URL <http://www.turingarchive.org/viewer/?id=131&title=01a.1>

Turing:2001:CWM

- [Tur01a] A. M. Turing. Collected works of A. M. Turing. Mathematical logic. Elsevier, Amsterdam, The Netherlands, 2001. ISBN ????? xii + 293 pp. LCCN ????? US\$116.00. Edited by R. O. Gandy and C. E. M. Yates. Including prefaces by Solomon Feferman.

Turing:2001:ML

- [Tur01b] A. M. Turing. Mathematical logic. Collected Works of A. M. Turing. North-Holland, Amsterdam, The Netherlands, 2001. ISBN 0-444-50423-0. xii + 293 pp. LCCN ????? Edited by the late R. O. Gandy and C. E. M. Yates, Including prefaces by P. N. Furbank, Yates, Solomon Feferman, Andrew Hodges, Jack Good and Martin Campbell-Kelly

Turing:2001:VNC

- [Tur01c] Alan M. Turing. Visit to National Cash Register Corporation of Dayton, Ohio. Cryptologia, 25(1):1{10, January 2001. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586 (electronic). See [DB04] for the NCR story and brief comments about Turing's visit there.

Turing:2003:CRS

- [Tur03] Alan M. Turing. Critique of "Running Short Cribs on the U. S. Navy Bombe". Cryptologia, 27(1):44{49, January 2003. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586 (electronic).

Turing:2005:NM

- [Tur05a] Alan M. Turing. Notes on memory (1945). In Copeland [Cop05a], page ?? ISBN 0-19-856593-3 (hardcover). LCCN QA75 .A43 2005. URL <http://ukcatalogue.oup.com/product/9780198565932.do>; <http://www.oxfordscholarship.com/oso/public/content/math/9780198565932/toc.html>

Turing:2005:PEC

- [Tur05b] Alan M. Turing. Proposed electronic calculator (1945). In Copeland [Cop05a], page ?? ISBN 0-19-856593-3 (hardcover). LCCN QA75 .A43 2005. URL <http://ukcatalogue.oup.com/product/9780198565932.do>; <http://www.oxfordscholarship.com/oso/public/content/math/9780198565932/toc.html>

Turing:1999:MLM

- [TvN99] A. Turing and J. von Neumann. *Mozhet li mashina myslit'?*. (Russian) [Can the machine think?]. Nauchno-Izdatel'skij Tsentr \Regulyarnaya i Khaoticheskaya Dinamika", Izhevsk, Russia, 1999. ISBN ????? 104 pp. LCCN ????

Turing:2005:TWL

- [TW05] Alan M. Turing and James H. Wilkinson. The Turing{Wilkinson lecture series (1946{1947). In Copeland [Cop05a], page ?? ISBN 0-19-856593-3 (hardcover). LCCN QA75 .A43 2005. URL <http://ukcatalogue.oup.com/product/9780198565932.do>; <http://www.oxfordscholarship.com/oso/public/content/math/9780198565932/toc.html>. Edited with an introduction by B. ~~Alan~~Cop

Turing:1986:MTA

- [TWCD86] Alan Mathison Turing, Michael Woodger, B. E. Carpenter, and R. W. Doran. A.M. Turing's ACE report of 1946 and other papers. Charles Babbage Institute reprint series for the history of computing ; 10. Tomash Publishers, Los Angeles, CA, USA, 1986. ISBN 0-262-03114-0. 140 + 1 pp. LCCN QA75 .A18F86.

Unknown:1984:ATE

- [Unk84] Unknown. Alan Turing: The Enigma. *Cryptologia*, 8(4):??, October 1984. CODEN CRYPE6. ISSN 0161-1194 (print), 1558-1586 (electronic).

USENIX:1983:UCPb

- [USE83] USENIX Association, editor. USENIX Conference Proceedings, Winter, 1983. San Diego, CA. USENIX, San Francisco, CA, USA, Winter 1983. ISBN ????? LCCN???

Williams:1989:EBC

- [WCK89] Michael R. Williams and Martin Campbell-Kelly, editors. The Early British Computer Conferences, volume 14 of The Charles Babbage Institute reprint series for the history of computing. MIT Press, Cambridge, MA, USA, 1989. ISBN 0-262-23136-0. xvi + 508 pp. LCCN QA76.17 .E171989.

Weiss:1988:BOp

- [Wei88] Eric A. Weiss. Biographies: Oh, pioneers! Annals of the History of Computing, 10(4):348-361, October/December 1988. CODEN AHCOE5. ISSN 0164-1239. URL <http://dlib.computer.org/ann/books/an1988/pdf/a4348.pdf> <http://www.computer.org/annals/an1988/a4348abs.htm>

Welland:2002:TLs

- [Wel02] Mark E. Welland. Turing Lecture 2002: Smaller, faster, better | but is it nanotechnology? World-Wide Web site., 2002. URL <http://www.bcs.org/BCS/Awards/Events/TuringLecture/Turing2002/>

Whitemore:1987:BCa

- [WH87a] Hugh Whitemore and Andrew Hodges. Breaking the code. Amber Lane, Oxford, UK, 1987. ISBN 0-906399-80-7. 80 pp. LCCN PR6073.H577 B73 1987. Based on the book 'Alan Turing, the Enigma,' by Andrew Hodges.

Whitemore:1987:BCb

- [WH87b] Hugh Whitemore and Andrew Hodges. Breaking the Code. Fireside Theatre, Garden City, NY, USA, 1987. ISBN ????? 112 + 4 pp. LCCN ????? Play based on the book Alan Turing, the Enigma, by Andrew Hodges.

Whitemore:1988:BCP

- [WH88] Hugh Whitemore and Andrew Alan Turing Hodges. Breaking the code: a play. French, London, UK, 1988. ISBN 0-573-01656-9. 64 pp. LCCN ?????

Whitemore:1987:BCS

- [Whi87] Hugh Whitemore. *Breaking the code: The story of Alan Turing*, 1987.

Whitemore:1988:BC

- [WHT88] Hugh Whitemore, Andrew Hodges, and Alan Turing. *Breaking the code*. S. French, New York, NY, USA, 1988. ISBN 0-573-69030-8. 114 + 2 pp. LCCN PR6073.H577 B74988.

Wilkinson:1971:SCN

- [Wil71] J. H. Wilkinson. Some comments from a numerical analyst. *Journal of the ACM*, 18(2):137{147, April 1971. CODEN JACOA. ISSN 0004-5411.

Wilkinson:1980:TWN

- [Wil80] J. H. Wilkinson. Turing's work at the National Physical Laboratory and the construction of Pilot ACE, DEUCE, and ACE. In N. Metropolis, J. Howlett, and Gian-Carlo Rota, editors, *A History of Computing in the Twentieth Century: A Collection of Essays*, pages 101{114. Academic Press, New York, NY, ~~USA~~, 1980.

Zabell:1995:ZAC

- [Zab95] S. L. Zabell. Alan Turing and the central limit theorem. *American Mathematical Monthly*, 102(6):483{494, June/July 1995. CODEN AMMYAE. ISSN 0002-9890 (print), 1930-0972 (electronic).