

Recently Published History of Computing Literature

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This select bibliography includes major scholarly (books, journal articles, dissertations, and theses) and popular works (books and magazine articles) of computer, software, and networking history. This is the second in a semi-annual series. It contains works from mid-2011 to April 2012.

Ahrons, Richard W. "Industrial Research and Micro-circuitry at RCA: The Early Years, 1953-1963." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 60-73.

Aumann, Philipp. "The Distinctiveness of a Unifying Science: Cybernetics' Way to West Germany." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 17-27.

Aylen, Jonathan. "Bloodhound on my Trail: Building the Ferranti Argus Process Control Computer." *International Journal for the History of Engineering & Technology* 82:1 (January 2012): 1-36

Baker, Stephen. *Final Jeopardy: Man vs. Machine and the Quest to Know Everything*. (Houghton Mifflin Harcourt, 2011).

Brandt, Richard L. *One Click: Jeff Bezos and the Rise of Amazon.com*. (Portfolio/Penguin 2011).

Brier, Stephen and Joshua Brown. "The September 11 Digital Archive." *Radical History Review* 111 (Fall 2011): 101-109.

Brock, David C. and David A. Laws. "The Early History of Microcircuitry: An Overview." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 7-19.

Burton, Chris, et al. *Alan Turing and His Contemporaries*. (BSC, 2012).

Ceruzzi, Paul. *Computing: A Concise History*. (MIT Press, 2012).

Choi, Hyungsub Choi and Takushi Otani. "Failure to Launch: Tarui Yasuo, the Quadrupole Transistor, and the Meanings of the IC in Postwar Japan." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 48-59.

Cooper, Barry S. and J. van Leeuwen. *Alan Turing: His Work and Impact*. (Elsevier Science, 2012).

Cronon, William. "Scholarly Authority in a Wikified World." *Perspectives on History* 50:2 (February 2012): 5-6.

Dillon, Roberto. *The Golden Age of Video Games: The Birth of a Multi-Billion Dollar Industry*. (A.K. Peters/CRC Press, 2011).

- Dyson, George. *Turing's Cathedral: The Origins of the Digital Universe* (Pantheon Books, 2012).
- Ensmenger, Nathan. "Is Chess the Drosophilia of Artificial Intelligence? A Social History of An Algorithm." *Social Studies of Science* 42:1 (February 2012): 5-30.
- Ensmenger, Nathan. "From Computer Celebrities to Historical Biography." [Think Piece] *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 86-88.
- Frana, Philip. "An Interview with Stephen Cook." *Communications of the ACM* 55:1 (January 2012): 41-46.
- Gabrys, Jennifer. *Digital Rubbish: A Natural History of Electronics*. (University of Michigan Press, 2011).
- Haigh, Thomas. "The IBM PC: From Beige Box to Industry Standard." *Communications of the ACM* 55:1 (January 2012): 35-37.
- Halevi, Leor. "The Consumer Jihad: Boycott Fatwas and Nonviolent Resistance on the World Wide Web." *International Journal of Middle East Studies* 44:1 (February 2012): 45-70.
- Ince, Darrel. *The Computer: A Very Short Introduction*. (Oxford University Press, 2011).
- Jaeger, Paul, et al. "The Internet and the Evolution of Library Research: The Perspective of One Longitudinal Study." *Library Quarterly* 82:1 (January 2012): 75-86.
- Kline, Ronald R. "Cybernetics, Automata Studies, and the Dartmouth Conference on Artificial Intelligence." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 5-16.
- Laws, David and Michael Riordan. "Making Micrologic: The Development of the Planar IC at Fairchild Semiconductor, 1957-1963." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 20-36.
- Lewis, Nicholas Dale. "The Role of the Microprocessor in the End of the Cold War." M.A. Thesis, University of Utah, 2011.
- Lunenfeld, Peter. *The Secret War Between Downloading and Uploading: Tales of the Computer as Culture Machine*. (MIT Press, 2011).
- McDonald, Christopher Felix. "Building the Information Society: A History of Computing as Mass Medium." Ph.D. Dissertation, Princeton University, 2011.
- McGee, Andrew Meade. "Stating the Field: Institutions and Outcomes in Computer History." *IEEE Annals of the History of Computing* 33:4 (October-December 2011): 102-104.

Misa, Thomas. "Computer Science: Digital Dawn." *Nature* 483 (March 1, 2012): 32-33.
[Reviews George Dyson's *Turing Cathedral*]

Mitnick, Kevin D. *Ghost in the Wires: My Adventures as the World's Most Wanted Hacker*. (Little, Brown and Company, 2011).

Modarres, Ali. "Beyond the Digital Divide." *National Civic Review* 100:3 (Fall 2011): 4-7.

November, Joseph. *Biomedical Computing: Digitizing Life in the United States*. (Johns Hopkins University Press, 2012).

Olley, Allan. "Just a Beginning: computers and Celestial Mechanics in the Work of Wallace J. Eckert." Ph.D. Dissertation, University of Toronto.

O'Regan, Gerald. *A Brief History of Computing*. (Springer, 2012).

Oudshoorn, Nelly. "How Places Matter: Telecare Technologies and the Changing Spatial Dimensions of Healthcare." *Social Studies of Science* 42:1 (February 2012): 121-142.

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Rowe, Josh. "The Public Life of Information." Ph.D. Dissertation, Princeton University, 2011.

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Walden, David, ed. *A Culture of Innovation: Insider Accounts of Computing and Life at BBN*. (Waterside Publishing, 2011).

Zepcevski, Joline. *Complexity and Verification: The History of Programming as Problem Solving*. Ph.D. Dissertation, University of Minnesota, 2012.