

Bibliography

- Abbott, A. (1988). *The System of Professions: An Essay on the Division of Expert Labor*. Chicago: The University of Chicago Press.
- Adler, E. (1986). "Ideological guerillas and the quest for technological autonomy: Brazil's domestic computer industry." *International Organization*, 40(3), pp. 673–705.
- Adler, E. (1987). *The Power of Ideology: The Quest for Technological Autonomy in Argentina and Brazil*. Berkeley: University of California Press.
- Alkema, H. and K. McLaughlin (2007). "A chronology of computing at the University of Waterloo." <http://www.cs.uwaterloo.ca/40th/Chronology/index.shtml>, last accessed May 3, 2009.
- Anderegg, D. (2007). *Nerds: Who They Are and Why We Need More of Them*. New York: Jeremy Tarcher / Penguin.
- Anderson, B. (1991). *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. Revised edition. London: Verso.
- Appadurai, A. (1996). *Modernity at Large: Cultural Dimensions of Globalization*. Minneapolis, MN: University of Minnesota Press.
- Audretsch, D.B. and M.P. Feldman (1996). "R&D spillovers and the geography of innovation and production." *The American Economic Review*, 86 (3), pp. 630–640.
- Azevedo, M. (1989). "Vernacular features in educated speech in Brazilian Portuguese." *Hispania*, 72 (4), pp. 862–872.
- Bagno, M. (2001). "Português do Brasil: herança colonial e diglossia." *Revista da FAEBA*, 10 (15), pp. 37–47.
- Barley, S. (1996). Forward to Orr, J., *Talking About Machines: An Ethnography of a Modern Job*, Ithaca, NY: Cornell University Press.
- Barley, S. and B. Bechky (1994). "In the backrooms of science: Notes on the work of science technicians." *Work and Occupations*, 21, pp. 85–126.
- Barley, S. R. and G. Kunda, G. (2001). "Bringing Work Back In." *Organization Science*, 12 (1), pp. 76–95.
- Barley, S.R. and G. Kunda (2004). *Gurus, Hired Guns, and Warm Bodies: Itinerant Experts in a Knowledge Economy*. Princeton, NJ: Princeton University Press.

- Bastos, M. I. (1994). *Winning the Battle to Lose the War: Brazilian Electronics Policy under US Threat of Sanctions*. Ilford, Essex, England; Portland, OR: F. Cass.
- Becker, G.S. (1962). "Investment in human capital: a theoretical analysis." *The Journal of Political Economy*, 70(5), pp. 9–49.
- Becker, H. (1972). "A school is a lousy place to learn anything in." *American Behavioral Scientist*, 16, pp. 85–105.
- Becker, H.S. (1951). "The professional dance musician and his audience." *The American Journal of Sociology*, 57(2), pp. 136–144.
- Becker, H.S. (1953). "Becoming a marihuana user." *The American Journal of Sociology*, 59(3), pp. 235–242.
- Becker, H.S. (1963). *Outsiders: Studies in the Sociology of Deviance*. London: Free Press of Glencoe.
- Becker, H.S. (1972). "A school is a lousy place to learn anything in." *American Behavioral Scientist*, 16, pp. 85–105.
- Becker, H.S. (1982). *Art Worlds*. Berkeley: University of California Press.
- Becker, H.S. (1986). *Writing for Social Scientists: How to Start and Finish Your Thesis, Book, or Article*. Chicago: The University of Chicago Press.
- Becker, H.S. (1998). *Tricks of the Trade: How to Think About Your Research While You're Doing It*. Chicago: The University of Chicago Press.
- Behrens, A. (2005). "Brazil." Chapter 5 in S. Commander (ed.), *The Software Industry in Emerging Markets*. Cheltenham, UK: Edward Elgar. Pp. 189–219.
- Berger, P.L. and T. Luckmann (1966). *The Social Construction of Reality: A Treatise in the Sociology of Knowledge*. Garden City, NY: Anchor Books.
- Biber, D. (1993). "Representativeness in corpus design." *Literary and Linguistic Computing*, 8 (4), pp. 243–257.
- Botelho, A. (1999). "Da utopia tecnológica aos desafios da política científica e tecnológica: o Instituto Tecnológico de Aeronáutica (1947–1967)." *Revista Brasileira de Ciências Sociais*, 14 (39), pp. 139–154.
- Bourdieu, P. (1977). *Outline of a theory of practice*. London: Cambridge University Press.
- Braverman, H. (1974). *Labor and Monopoly Capital*. London: Monthly Review Press.
- Brown, J.S. and P. Duguid (1991). "Organizational learning and communities of practice: toward a unified view of working, learning, and innovation." *Organization Science*, 2(1), pp. 40–57.
- Brown, J.S. and P. Duguid (2000). *The Social Life of Information*. Boston, MA: Harvard Business School Press.
- Brown, J.S. and P. Duguid (2001). "Knowledge and organization: a social-practice perspective." *Organization Science*, 12 (2), pp. 198–213.
- Buckland, M. (2004). *Programming Game AI by Example*. Jones & Bartlett.

- Burawoy, M. (1979). *Manufacturing Consent*. Chicago: University of Chicago Press.
- Burawoy, M. (1997). "The anthropology of industrial work." *Annual Review of Anthropology*, 8, pp. 231–266.
- Burawoy, M. (1998). "The extended case method." *Sociological Theory*, 16 (1), pp. 4–33.
- Bush, V. (1945). "As we may think." *The Atlantic Monthly*, 176, pp. 101–108.
- Cairncross, F. (1997). *The Death of Distance: How the Communications Revolution Is Changing Our Lives*. Cambridge, MA: Harvard Business School Press.
- Cardoso, F.H. (1972). "Dependency and development in Latin America." *New Left Review*, 74, pp. 83–95.
- Carvalho, M.S.R.M. (2006). *A Trajetória da Internet no Brasil: do Surgimento das Redes de Computadores à Instituição dos Mecanismos de Governança*. Masters Thesis. Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro, Brazil.
- Casanova, M.A., L. Tucherman, M.J.D. Lima, J.L.R. Netto, N. Rodriguez, and L.F.G. Soares (1991). "The nested context model for hyperdocuments," *Proceedings of the Third Annual ACM Conference on Hypertext*. New York, NY: ACM.
- Castells, M. (1996/2000). *The Rise of the Network Society*. 2nd edition. Oxford: Blackwell.
- Ceruzzi, P. (2003). *A History of Modern Computing*. 2nd edition, Cambridge, MA: The MIT Press.
- Collins, H.M. (1974). "The TEA set: Tacit knowledge and scientific networks." *Social Studies of Science*, 4(2), pp. 165–185 .
- Collins, H.M. (2001). "Tacit knowledge, trust and the Q of sapphire." *Social Studies of Science*, 31(1), pp. 71–85.
- Contu, A. and H. Willmott (2003). "Reembedding situatedness : the importance of power relations in situated learning theory." *Organization Science*, 14 (3), 283–295.
- Contu, A. and H. Willmott (2006). "Studying practice: situating *Talking About Machines*," *Organization Studies*, 27 (12), 1769–1782.
- Corbet, J. (2007). "Who wrote 2.6.20? LWN.net." <http://lwn.net/Articles/222773/>, last accessed October 30, 2008.
- Coser, L.A. (1994). "Introduction." In E.C. Hughes, *On Work, Race, and the Sociological Imagination* (edited by L.A. Coser). Heritage of Sociology Series. Chicago: The University of Chicago Press.
- Costa, R.M. de R., M.F. Moreno, R.F. Rodrigues, L.F.G. Soares (2006). "Live editing of hypermedia documents." *Proceedings of the 2006 ACM Symposium on Document Engineering*. New York, NY: ACM.
- Cowan, R., P.A. David, and D. Foray (2000). "The explicit economics of knowledge: codification and tacitness." *Industrial and Corporate Change*, 9 (2), 211–253.
- Creswell, J. W. (1994). *Research Design: Qualitative and Quantitative Approaches*. Thousand Oaks, CA: SAGE.
- Crowdy, S. (1993). "Spoken corpus design." *Literary and Linguistic Computing*, 8 (4), 259–265.

- Dantas, M. (1989). *O Crime de Prometeu: Como o Brasil Obteve a Tecnologia da Informática*. Rio de Janeiro: Abicomp.
- Dantas, V. (1988). *Guerrilha Tecnológica: A Verdadeira História da Política Nacional de Informática*, Rio de Janeiro: LTC. [Technological Guerrilla War: The True History of the National Informatics Policy, in Portuguese.]
- Davies, D.W., K.A. Bartlett, R.A. Scantlebury, and P.T. Wilkinson (1967). “A digital communication network for computers giving rapid response at remote terminals.” SOSP '67: Proceedings of the first ACM symposium on Operating System Principles, ACM Press, 2.1–2.17.
- Dedijer, S. (1961). “Why did Daedalus leave?” *Science*, New Series, 133 (3470), pp. 2047–2052.
- Dees, T. 2006. “Tradition vs. ten codes.” <http://www.officer.com/interactive/2006/11/13/tencodes/>, last accessed May 19, 2009.
- Delorey, D.P., C.D. Knutson, and C. Giraud-Carrier (2007). “Programming language trends in open source development: an evaluation using data from all production phase SourceForge projects.” Second International Workshop on Public Data about Software Development, Limerick, Ireland.
- Desmond, M. (2007). *On the Fireline: Living and Dying with Wildland Firefighters*. Chicago: The University Of Chicago Press.
- Dickheiser, M. (2006). *Game Programming Gems 6*. Charles River Media.
- Didier, D., E.T. Weber, J.A. Pimenta-Bueno (2005). “Gávea angels: the birth of an angel group in Rio de Janeiro.” Chapter 8 in E.F. O'Halloran, P.L.Rodriguez, and F. Vergara (eds.), *Angel Investing in Latin America*. Pp. 51–60.
- Dos Santos, T. (1970). “The structure of dependence.” *The American Economic Review*, 60(2), pp. 235–246.
- Drucker, P.F. (1969). *The Age of Discontinuity: Guidelines to Our Changing Society*. New York: Harper & Row.
- Duguid, P. (2005). “‘The Art of Knowing’: social and tacit dimensions of knowledge and the limits of the community of practice.” *Information Society*, 21 (2), pp. 109–118.
- Duguid, P. (2008). “The community of practice then and now.” In A. Amin and J. Roberts (eds.), *Organizing for the Creative Economy: Community, Practice, and Capitalism*. Oxford: Oxford University Press.
- Elias P. and M. Birch (1994). “Establishment of Community-Wide Occupational Statistics. ISCO 88 (COM): A Guide for Users.” Institute for Employment Research, University of Warwick.
- Emerson, R., R. Fretz, and L. Shaw (1995). *Writing Ethnographic Fieldnotes*. University of Chicago Press.
- Engelbart, D. (1962). “Augmenting human intellect: a conceptual framework.” SRI Report, [Online] <http://www.bootstrap.org/augdocs/friedewald030402/augmentinghumanintellect/ahi62index.html>, last accessed February 27, 2009.
- Engelbart, D. (1962). “Augmenting human intellect: a conceptual framework.” SRI Report.

- Engeström, Y. (2001). "Expansive learning at work: toward an activity-theoretical reconceptualisation." *Journal of Education and Work*, 14 (1), pp. 129–152.
- Evans, P. (1979). *Dependent Development: The Alliance of Multinational, State, and Local Capital in Brazil*. Princeton, NJ: Princeton University Press.
- Evans, P. (1995). *Embedded Autonomy: States and Industrial Transformation*. Princeton, NJ: Princeton University Press.
- Favret-Saada, J. (1980). *Deadly Words: Witchcraft in the Bocage*. Cambridge: Cambridge University Press.
- Fenwick & West, LLP (2008). "Trends in Terms of Venture Financings In the San Francisco Bay Area (Fourth Quarter 2007)"
- Ferguson, C. (1959/1971). "Diglossia." In A.S. Dil (ed.), *Language Structure and Language Use: Essays by Charles A. Ferguson*. Stanford, CA: Stanford University Press.
- Figueiredo, L.H. (1992). "DEL: uma linguagem para entrada de dados." TeCGraf/ICAD.
- Figueiredo, L.H. de, R. Ierusalimschy, and W. Celes (1996). "Lua: an extensible embedded language." *Dr. Dobbs Journal*, 21 (12), pp. 26–33.
- Figueiredo, L.H., C. S. Souza, M. Gattass, and L. C. G. Coelho (1992). "Geração de interfaces para captura de dados sobre desenhos." Proceedings of SIBGRAPI '92 (Brazilian Symposium on Computer Graphics and Image Processing), pp. 169–175.
- Figueiredo, L.H., R. Ierusalimschy, and W. Celes. (1996). "Lua: an extensible embedded language." *Dr. Dobbs Journal*, 21(12), pp. 26–33.
- Fine, G.A. (1995). Preface. In Fine. G.A., ed. *A Second Chicago School?: The Development of a Postwar American Sociology*. Chicago: The University of Chicago Press.
- Fogel, K. (2005). *Producing Open Source Software. How to Run a Successful Free Software Project*. Sebastopol, CA: O'Reilly.
- Form, W. (1987). "On the degradation of skills." *Annual Review of Sociology*, 13, pp. 29–47.
- Freire, F.R.F. (1993). *Pró-censo: algumas notas sobre os recursos para processamento de dados nos Recenseamentos do Brasil*. Memória Institucional–3. Rio de Janeiro: IBGE.
- Fritz, W.B. (1996). "The Women of ENIAC." *IEEE Annals of the History of Computing*, 18 (3), pp. 13–28.
- Gallini, N. and S. Scotchmer (2002). "Intellectual property: when is it the best incentive mechanism?" In: A. Jaffe, J. Lerner and S. Stern (eds.), *Innovation Policy and the Economy*. Vol 2. Cambridge, MA: MIT Press. Pp. 51–78.
- Galpin, V. (2002). "Women in computing around the world." *SIGSCE Bulletin*, 34 (2).
- Garfinkel, H. (1967). *Studies in Ethnomethodology*. Englewood Cliffs, NJ: Prentice Hall.
- Geertz, C. (1973). "Thick description: toward an interpretive theory of culture." In *The Interpretation of Cultures: Selected Essays*. New York: Basic Books. Pp. 3–30.

- Giddens, A. (1971). *Capitalism and Modern Social Theory: An Analysis of the Writings of Marx, Durkheim and Max Weber*. Cambridge: Cambridge University Press.
- Giddens, A. (1979). *Central Problems in Social Theory*. London: Macmillan.
- Giddens, A. (1990). *The Consequences of Modernity*. Stanford, CA: Stanford University Press.
- Giddens, A., M. Duneier, and R.P. Appelbaum (2007). *Introduction to Sociology*. New York: W. W. Norton.
- Gieryn, T. F. (1983). "Boundary-work and the demarcation of science from non-science: strains and interests in professional ideologies of scientists." *American Sociological Review*, 48 (6), pp. 781–795.
- Gilbert, D. and J. Whitehead (2007). *Hacking World of Warcraft*. Indianapolis, IN: Wiley.
- Glaser, B.G. (1992). *Basics of Grounded Theory Analysis: Emergence vs Forcing*. Mill Valley, CA: Sociology Press.
- Glaser, B.G. (1998). *Doing Grounded Theory: Issues and Discussions*. Mill Valley, CA: Sociology Press.
- Glaser, B.G. and A.L. Strauss (1967/1999). *The Discovery of Grounded Theory: Strategies for Qualitative Research*. New York: Aldine de Gruyter.
- Goldhaber, M. (1997). "The attention economy and the Net." *First Monday*, 2(4), available at http://www.firstmonday.dk/issues/issue2_4/goldhaber/.
- Goldhaber, M. (2006). "The value of openness in an attention economy." *First Monday*, 11(6), available at http://www.firstmonday.org/issues/issue11_6/goldhaber/.
- Goldman, A. (1998/2002). *Knowledge in a Social World*. Oxford: Oxford University Press.
- Graham, P. (2004/2005). "Great hackers." In J. Spolsky (ed.), *The Best Software Writing I*. Apress, pp. 95–110. The original version is available at <http://www.paulgraham.com/gh.html>, last accessed on May 19, 2009.
- Graham, P. (2006). "How to be Silicon Valley." <http://www.paulgraham.com/siliconvalley.html>. Last accessed June 19, 2008.
- Grosjean, F. (1982). *Life with Two Languages: An Introduction to Bilingualism*. Cambridge, MA: Harvard University Press.
- Gutschmidt T. (2003). *Game Programming with Python, Lua, and Ruby*. Course Technology PTR.
- Harvard Law Review (1997). "Contracts. Independent contractor agreements. Ninth circuit finds that misclassified employees are eligible for federally regulated employee benefits. *Vizcaino v. Microsoft Corp.*, 120 F.3d 1006 (9th Cir. 1997) (En banc)." *Harvard Law Review*, 111 (2), pp. 609–614.
- Hayek, F.A. (1937). "Economics and knowledge." *Economica*, 4(13), pp. 35–54.
- Hayek, F.A. (1945). "The use of knowledge in society." *The American Economic Review*, 35, pp. 519–30.
- Hessel, E. (2008). "Opening your TV to the web." *Forbes.com*, http://www.forbes.com/2008/12/15/vudu-hulu-tv-tech-personal-cz_eh_1216vudu.html, last accessed March 16, 2009.

- Hester, A., R. Borges and R. Ierusalimschy (1997). "CGILua: a multi-paradigmatic tool for creating dynamic WWW pages." In *XI Simpósio Brasileiro de Engenharia de Software*. Fortaleza, CE. Pp. 347–360.
- Hester, A., R. Borges and R. Ierusalimschy (1998). "Building flexible and extensible web applications with Lua." *Journal of Universal Computer Science*, 4(9), pp. 748–762.
- Hildreth, P.M. and C. Kimble (2004). *Knowledge Networks: Innovation through Communities of Practice*. Idea Group Publishing.
- Hildreth, P.M., C. Kimble, and P. Wright (1998). "Computer mediated communications and international communities of practice." Proceedings of Ethicomp '98, Erasmus University, The Netherlands. Pp. 275–286.
- Hill, B.M. (2005). "Financing volunteer free software projects." *Advogato*. <http://www.advogato.org/article/844.html>, last accessed March 12, 2009.
- Hirschi, A. (2007). "Traveling light, the Lua way." *IEEE Software*, September/October 2007, pp. 31–38.
- Hochschild, A.R. (1989). *The Second Shift: Working Parents and the Revolution at Home*. New York: Viking.
- Hoffmann, E. (1999). "International statistical comparisions of occupational and social structures: problems, possibilities and the role of ISCO-88," International Labour Office.
- Hughes, E. (1958). *Men and their work*. Glencoe, IL: Free Press.
- Hughes, E. (1959/1995). "The Study of Occupations." in E.C. Hughes, *On Work, Race, and the Sociological Imagination* (edited by L.A. Coser). Heritage of Sociology Series. Chicago: The University of Chicago Press. Pp. 21–36.
- Huskey, V.R. and H.D. Huskey (1980). "Lady Lovelace and Charles Babbage." *Annals of the History of Computing*, 2(4), pp. 299–329.
- IBM1130.org (n.d.). "All about the IBM 1130 Computing System." <http://ibm1130.org>, last accessed on May 19, 2009.
- Ierusalimschy, R., L.H. de Figueiredo, and W. Celes. (2007). "The evolution of Lua," *Proceedings of ACM HOPL III*.
- Ierusalimschy, R. (2003). *Programming in Lua*. Rio de Janeiro: Lua.org.
- Ierusalimschy, R. (2006). *Programming in Lua*. Second edition. Rio de Janeiro: Lua.org.
- Ierusalimschy, R. (2007). *Programmieren mit Lua*. Open Source Press.
- Ierusalimschy, R., L. H. de Figueiredo , W. C. Filho (1996). "Lua—an extensible extension language." *Software—Practice & Experience*, 26 (6), pp. 635–652.
- Ierusalimschy, R., L.H. de Figueiredo, and W. Celes (2001). "The evolution of an extension language: a history of Lua." *Proceedings of V Brazilian Symposium on Programming Languages*, pp. B14–B28.
- Ierusalimschy, R., L.H. de Figueiredo, and W. Celes (2006). *Lua 5.1 Reference Manual*. Rio de Janeiro:

Lua.org.

- Johnson, H.G. (1965). "The economics of the 'brain drain': the Canadian case," *Minerva*, 3(3), pp. 299–311.
- Jorgensen, D.L. (1989). *Participant Observation: A Methodology for Human Studies*. Applied Social Research Methods Series, Volume 15. SAGE Publications: Newbury Park, California.
- Jung K. and A. Brown. (2007). *Beginning Lua Programming*. Wrox.
- Katz, M.L. and C. Shapiro (1986). "Technology adoption in the presence of network externalities." *The Journal of Political Economy*, 94(4), pp. 822–841.
- Kendall, L. (1999). "Nerd nation: images of nerds in US popular culture." *International Journal of Cultural Studies*, 2(2), pp. 260–283.
- Knorr Cetina, K. (1999). *Epistemic Cultures: How the Sciences Make Knowledge*. Cambridge, MA: Harvard University Press.
- Knuth, D. (n.d.). "Email (let's drop the hyphen)." <http://www-cs-faculty.stanford.edu/~knuth/email.html>, last accessed on May 19, 2009.
- Koss, A.M. (2003). "Programming on the Univac 1: a woman's account." *IEEE Annals of the History of Computing*, pp. 48–59.
- Kuhn, T. (1962). *The Structure of Scientific Revolutions*. Chicago: University of Chicago Press.
- Kunda, G. (1992). *Engineering Culture: Control and Commitment in a High-Tech Corporation*. Philadelphia, PA. Temple University Press.
- Laird, C. and K. Soraiz (1998). "1998: breakthrough year for scripting," *SunWorld*, <http://sunsite.uakom.sk/sunworldonline/swol-08-1998/swol-08-regex.html>, last accessed on May 19, 2009.
- Lakatos, I. (1968/1970). "Falsification and the methodology of scientific research programmes." In I. Lakatos and A. Musgrave (eds), *Criticism and the Growth of Knowledge*. Cambridge: Cambridge University Press. Pp. 91–196.
- Lakoff, G. and M. Johnson (1980). *Metaphors We Live By*. Chicago, IL: University of Chicago Press.
- Lamont, M. (2000). *The Dignity of Working Men*. Harvard University Press: Cambridge, MA.
- Lamont, M. and V. Molnár (2002). "The study of boundaries in the social sciences." *Annual Review of Sociology*, 28, pp. 167–195.
- Latour, B. (1988a). *Science in Action: How to Follow Scientists and Engineers Through Society*. Cambridge, MA: Harvard University Press.
- Latour, B. (1988b). *The Pasteurization of France*. Cambridge, MA: Harvard University Press.
- Latour, B. and S. Woolgar (1979/1984). *Laboratory Life: The Construction of Scientific Facts*. Princeton, NJ: Princeton University Press.
- Lattes, Sistema de Currículos (2009a). "Arndt von Staa." Available at <http://lattes.cnpq.br/3387018530825694>, last accessed on May 19, 2009.

- Lattes, Sistema de Currículos (2009b). "Carlos José Pereira de Lucena." Available at <http://lattes.cnpq.br/2491891766759477>, last accessed on May 19, 2009.
- Lave, J. and Wenger, E. (1991). *Situated Learning: Legitimate Peripheral Participation*. Cambridge: Cambridge University Press.
- Law, J. (1986). "On the methods of long distance control: vessels, navigation and the Portuguese route to India." In J. Law (ed.), *Power, Action and Belief: a New Sociology of Knowledge?* Sociological Review Monograph. London: Routledge. Pp. 234–263.
- Leontiev, A.N. (1972/1981). "The problem of activity in psychology." In J.V. Wertsch (ed.). *The Concept of Activity in Soviet Psychology*. M.E. Sharpe. Pp. 37–71.
- Levine, E. (1972). "Chicago's art world: the influence of status interests on its social and distribution systems." *Urban Life and Culture*, 1(3), pp. 293–322.
- Luhn, H. (1961). "The automatic derivation of information retrieval encodements from machine-readable texts." In A. Kent (ed.), *Information Retrieval and Machine Translation, part 2, Interscience Publication*, 3, pp. 1021–1028.
- Luzio, E. (1996). *The Microcomputer Industry in Brazil: The Case of a Protected High-Technology Industry*. Westport, CT: Praeger.
- MacKenzie, D. and G. Spinardi (1995). "Tacit knowledge and the uninvention of nuclear weapons," *The American Journal of Sociology*, 101(1), pp. 44–99.
- Marques, I. da Costa (2000). "Reserva de mercado: um mal entendido caso político-tecnológico de "sucesso" democrático e "fracasso" autoritário." *Revista de Economia da Universidade Federal de Paraná*, 26 (24), , pp. 91–116.
- Marques, I. da Costa (2003). "Minicomputadores brasileiros nos anos 1970: uma reserva de mercado democrática em meio ao autoritarismo." *História, Ciências, Saúde Manguinhos*, 10 (2), pp. 657–81.
- Marshall, A. (1890/1927). "Book IV: The Agents of Production. Chapter X. Industrial organization, continued. The concentration of specialized industries in particular localities" In *Principles of Economics: An Introductory Volume*, London: Macmillan and Co. Pp. 267–277.
- Marx, K. (1867/1977). *Capital*. Volume One. New York: Vintage Books.
- Marx, K. (1978). "Economic and Philosophic Manuscripts of 1844." In R.C. Tucker (ed.), *The Marx-Engels Reader*. Second edition. New York: W.W. Norton and Co.
- Mayo, E. (1933). *The Human Problems of an Industrial Civilization*. New York: Macmillan.
- Meyer, J., J. Boli, G. Thomas, G. and F. Ramirez (1997). "World Society and the Nation-State." *American Journal of Sociology*, 103(1), pp. 144–181.
- Mills, C.W. (1959). *The Sociological Imagination*. Oxford: Oxford University Press.
- Morais, F. (2006). *Montenegro: As Aventuras do Marechal que Fez uma Revolução nos Céus do Brasil*. São Paulo: Planeta.
- Muysken, P. (2000). *Bilingual Speech: A Typology of Code Mixing*. Cambridge: Cambridge University

- Press.
- Nelson, T. (1974/1987). *Computer Lib/dream Machines*. Revised edition. Redmond, WA: Tempus Books of Microsoft Press.
- NRC (1941). *Tour of industrial exploration — South America*. Washington, DC, National Research Council.
- Ó Riain, S. (2000). “Networking for a living: Irish software developers in the global workplace.” In M. Burawoy et al (9 co-editors), *Global Ethnography*. Berkeley: University of California Press. Pp. 175–202.
- Olinto, G. (2007). “Internet access in Brazil: social context and science and technology professionals.” Paper presented at the American Society for Information Science and Technology Annual Meeting, Milwaukee, October 21–24.
- Orr, J. (1996). *Talking About Machines: An Ethnography of a Modern Job*. Ithaca, NY: Cornell University Press.
- Otlet, P. (1925/1990). “The preservation and international diffusion of thought: the microphotoc book.” In W.B. Rayward (ed.), *International Organization and Dissemination of Knowledge: Selected Essays of Paul Otlet*. Elsevier. Pp. 204–210.
- Perez, S. (2009). “Verizon unveils their vision for the Web-Connected TV.” *ReadWriteWeb*. http://www.readwriteweb.com/archives/verizon_unveils_their_vision_for_the_web-connected.php, accessed March 16, 2009.
- Petersen, W.E.P. (1994). *Almost Perfect: How a Bunch of Regular Guys Built WordPerfect Corporation*. Rocklin, CA : Prima Publishing.
- Polanyi, M. (1952). *Personal Knowledge: Towards a Post-Critical Philosophy*. New York: Harper Torchbooks.
- Polanyi, M. (1966). *The Tacit Dimension*. Doubleday.
- Popper, K. (1959). *The Logic of Scientific Discovery*. New York: Basic Books.
- Powell, W., K.W. Koput, J.I. Bowie, and L. Smith-Doerr (2002). “The spatial clustering of science and capital: accounting for biotech firm–venture capital relationships.” *Regional Studies*, 36 (3), pp. 291–305.
- Qualis (2009). “Ciência da computação,” an Excel file downloaded from <http://qualis.capes.gov.br/webqualis/ConsultaListaCompletaPeriodicos.faces>, last accessed on May 20, 2009.
- Rasmussen D. (1979). “Marx: on labor, praxis and instrumental reason.” *Studies in Soviet Thought*, 20, pp. 271–289.
- Raymond, E.S. (1999). *The Cathedral and The Bazaar*. Sebastopol, CA: O’Reilly.
- Reddy, M. (1979). “The conduit metaphor: a case of frame conflict in our language about language.” In A. Ortony (ed.), *Metaphor and Thought*. Cambridge: Cambridge University Press. Pp. 284–324.
- Ritzer, G. (1989). “Sociology of work: a metatheoretical analysis.” *Social Forces*, 67 (3), pp. 593–604.

- Rogers, C.R. (1945). "The nondirective method as a technique for social research." *American Journal of Sociology*, 50 (4), pp. 279–283.
- Romer, P. (1990). "Endogenous Technological Change." *The Journal of Political Economy*, 98(5), pp. S71–S102.
- Romer, P. (1993). "Idea gaps and object gaps in economic development." *Journal of Monetary Economics*, 32, pp. 543–573.
- Ryle, G. (1949). "Knowing how and knowing that." In *The Concept of Mind*. Chicago: The University of Chicago Press. Pp. 25–61.
- Santos, C.A.S., L.F.G. Soares, G.L. de Souza, J.-P. Courtiat (1998). "Design Methodology and Formal Validation of Hypermedia Documents." *Proceedings of the Sixth ACM International Conference on Multimedia*. New York: ACM.
- Saxenian, A. (1996). *Regional Advantage: Culture and Competition in Silicon Valley and Route 128*. Cambridge, MA: Harvard University Press.
- Saxenian, A. (1999). "The Silicon Valley-Hsinchu connection: technical communities and industrial upgrading." Working Paper No. 99-10, Stanford Institute for Economic Policy Research.
- Saxenian, A. (2005). "From brain drain to brain circulation: transnational communities and regional upgrading in India and China." *Studies in Comparative International Development*, 40(2).
- Saxenian, A. (2006). *The New Argonauts: Regional Advantage in a Global Economy*. Cambridge, MA: Harvard University Press.
- Schatzki, T. (1996). *Social Practices: A Wittgensteinian Approach to Human Activity and the Social*. Cambridge, UK: Cambridge University Press.
- Schmookler, J. (1954). "The level of inventive activity." *The Review of Economics and Statistics*, 36, pp. 183–190.
- Schmookler, J. (1965). "Technological change and economic theory." *The American Economic Review*, 55, pp. 333–341.
- Schoonmaker, S. (2002). *High-Tech Trade Wars: U.S. Brazilian Conflict in the Global Economy*. Pittsburgh, PA: University of Pittsburgh Press.
- Schoonmaker, S. (forthcoming). "Software politics in Brazil: toward a political economy of digital inclusion." *Information, Communication and Society*.
- Schuytema, P. and M. Manyen (2005). *Game Development With LUA*. Charles River Media.
- Schwarz, M. & Y. Takhteyev (2009). "Half a Century of Public Software: Open Source as a Solution to the Hold Up Problem." NBER Working Paper No. 14946, <http://www.nber.org/papers/w14946>.
- Senra, N. (2007). *História das Estatísticas Brasileiras*. Volume 3, *Estatísticas Organizadas (c.1936–c.1972)*. Rio de Janeiro.: IBGE.
- Shaw, R.R. (1949). "The Rapid Selector." *The Journal of Documentation*, 5, pp. 164–171.
- Sheridan, M. B. (2006). "Va. state police swap '10-4' for 'Message Understood.'"

- <http://www.washingtonpost.com/wp-dyn/content/article/2006/11/12/AR2006111201098.html>, last accessed May 19, 2009.
- Shibutani, T. (1955). "Reference groups as perspectives." *American Journal of Sociology*, 60, pp. 562–569.
- Silberman, S. (2001). "The geek syndrome." http://www.wired.com/wired/archive/9.12/aspergers_pr.html
- Simpson, I. (1989). "The sociology of work: where have the workers gone?" *Social Forces*, 67 (3), pp. 563–581.
- Solow, R.M. (1957). "Technical change and the aggregate production function." *The Review of Economics and Statistics*, 39, pp. 312–320.
- Spence, M. (1973). "Job market signaling." *Quarterly Journal of Economics*, 87 (3), pp. 355–374.
- Spolsky, J. (2000/2004). "The guerrilla guide to interviewing." In J. Spolsky, *Joel on Software: And on Diverse and Occasionally Related Matters That Will Prove of Interest to Software Developers, Designers, and Managers, and to Those Who, Whether by Good Fortune or Ill Luck, Work with Them in Some Capacity*. Apress. Pp. 153–166. The original blog post is available at <http://www.joelonsoftware.com/articles/fog0000000073.html>, last accessed on May 19, 2009.
- Staa, A. v. (2003). "Fase heróica (67 a 70)." In A. von Staa, A.L. Furtado, and S.D.J. Barbosa (eds), *Carlos José Pereira de Lucena: Pioneiro da Informática*. Rio de Janeiro: PUC-Rio.
- Stallman, R. (2002). Miscellaneous essays in J. Gay (ed.), *Free Software, Free Society: Selected Essays of Richard M. Stallman*. Boston, MA: GNU Press.
- Strauss, A. (1978). "A social world perspective." *Studies in Symbolic Interaction*, 1. Greenwich, CT: JAI Press, pp. 119–128.
- Strauss, A. (1982). "Social Worlds and Legitimation Processes." *Studies in Symbolic Interaction*, 4. Greenwich, CT: JAI Press. Pp. 171–190.
- Strauss, A. and J. Corbin (1990). *Basics of Qualitative Research: Grounded Theory Procedures and Techniques*. Thousand Oaks, CA: Sage.
- Suchman, L. (1987). *Plans and Situated Actions: The Problem of Human-Machine Communication*. Cambridge: Cambridge University Press.
- Takhteyev, Y. (2005). "Googling Across the Equator," <http://www.takhteyev.org/papers/Takhteyev-2005-Googling-Across-the-Equator.pdf>
- Tigre, P. (2003). "Brazil in the age of electronic commerce." *Information Society*, 19(11), pp. 33–43.
- Time (1994). "Diagnosing Bill Gates." <http://www.time.com/time/magazine/article/0,9171,979990,00.html>
- Torvalds, L. (2001). *Just for Fun: The Story of an Accidental Revolutionary*. New York: HarperCollins.
- Traweek, S. (1988/1992). *Beamtimes and Lifetimes: The World of High Energy Physicists*. Cambridge, MA: Harvard University Press.
- Turner, F. (2006). *From Counterculture to Cyberculture: Stewart Brand, the Whole Earth Network, and the Rise of Digital Utopianism*. Chicago: University of Chicago Press.

- Turner, S. (2008). "The social study of science before Kuhn." In E.J. Hackett, O. Amsterdamska, M. Lynch, and J. Wajcman (eds.), *The Handbook of Science and Technology Studies*. Third Edition. Cambridge, MA: MIT Press. Pp. 33-62.
- Ueno, Y. (2007). *Introduction to Lua Programming* [in Japanese]. Softbank Creative.
- Unruh, D. (1980). "The nature of social worlds." *Pacific Sociological Review*, 23, pp. 271–296.
- Van Maanen, J. (1988). *Tales of the Field: On Writing Ethnography*. Chicago: University Of Chicago Press.
- Van Maanen, J. and Barley, S. R. (1984). "Occupational communities: culture and control in organizations." *Research in Organizational Behavior*, 6, pp. 287–365.
- Van Maanen, J. and S. Barley (1985). "Cultural Organization: Fragments of a Theory." In P.J. Frost, L.F. Moore, M.R. Luis, C.C. Lundberg, and J. Martin (eds), *Organizational Culture*. Beverly Hills, CA: Sage Publications. Pp. 31–54.
- Varanese, A. (2002). *Game Scripting Mastery*. Course Technology PTR. Cincinnati, OH: Premier Press.
- Veloso, F., A.J. Botelho, T. Tschang, and A. Amsden. (2003). "Slicing the knowledge-based economy in Brazil, China and India: a tale of 3 software industries." Technical report, SOFTEX Brazil and Ministry of Science and Technology, Brazil.
- Vygotsky, L. (1978). "Interaction between learning and development." In M. Cole (ed., transl.), *Mind in Society*. Cambridge, MA: Harvard University Press. Pp. 79–91.
- Vygotsky, L. S. (1930/2002). "Orudie i znak v razvitii rebenka." [Tool and sign in child development, in Russian.] In L.S. Vygotsky, *Psikhologiya*. [Psychology.] Moscow: EKSMOPress.
- Weiss, R.S. (1994). *Learning from Strangers: The Art and Method of Qualitative Interview Studies*. New York: Free Press.
- Wellman, B. and K. Hampton (1999). "Living Networked On and Offline" *Contemporary Sociology*, 28 (6), pp. 648–54
- Wells, H.G. (1938). *World Brain*. London: Meuthuen & Co. Limited.
- Wenger, E. (1998). *Communities of Practice: Learning, Meaning, and Identity*. Cambridge: Cambridge University Press.
- Whitehead II, J., B. McLemore, and M. Orlando (2008). *World of Warcraft Programming: A Guide and Reference for Creating WoW Addons*. Indianapolis, IN: Wiley.
- Williams, Sam. (2002). *Free as in Freedom: Richard Stallman's Crusade for Free Software*. Sebastopol, CA: O'Reilly.
- Willis, P. (1977/1981). *Learning to Labor: How the Working Class Kids Get Working Class Jobs*. Morningside Edition. New York: Columbia University Press.
- Woolgar, Steve (1991). "Configuring the user: the case of usability trials." In J. Law (ed.), *A Sociology of Monsters: Essays on Power, Technology, and Domination*. London, UK: Routledge.
- Zook, M.A. (2002). "Grounded capital: venture financing and the geography of the Internet industry,

1994–2000.” *Journal of Economic Geography*, 2, pp. 151–177.