
References

- Abamedia. 1999. Propaganda in the propaganda state. <http://www.pbs.org/redfiles/prop/inv/prop_inv_ins.htm>. Retrieved May 10, 2001.
- Accenture, Markle Foundation, and United Nations Development Programme. 2001. Creating a development dynamic: Final report of the digital opportunity initiative. <<http://www.opt-init.org/framework.html>>. Retrieved January 1, 2002.
- Adelman, M. B., M. R. Parks, and T. L. Albrecht. 1987. Beyond close relationships: Support in weak ties. In *Communicating social support*, ed. T. L. Albrecht and M. B. Adelman, 126–147. Newbury Park, Calif.: Sage.
- Agre, P. E. 1997. Building community networks. In *Reinventing technology, rediscovering community: Critical explorations of computing as a social practice*, ed. P. E. Agre and D. Schuler, 241–248. Greenwich, Conn.: Ablex.
- . 1998. Building an Internet culture. *Telematics and Informatics* 15 (3): 231–234.
- . 1999a. Growing a democratic culture: John Commons on the wiring of civil society. Paper presented at the Media in Transition Conference, Massachusetts Institute of Technology, Cambridge, Mass. <<http://dliis.gseis.ucla.edu/people/pagre/commons.html>>. Retrieved December 31, 2001.
- . 1999b. Information technology and democratic institutions. <<http://gseis.ucla.edu/people/agre/ottawa.html>>. Retrieved February 1, 2000.
- . 2001a. Institutions and the entrepreneurial self. <<http://commons.somewhere.com/rre/2001/RRE.Institutions.and.the.html>>. Retrieved December 20, 2001.
- . 2001b. Networking on the network. <<http://dliis.gseis.ucla.edu/people/pagre/network.html>>. Retrieved October 19, 2001.
- Aichholzer, G., and R. Schmutzer. 2001. *The digital divide in Austria*. Vienna: Institute of Technology Assessment.
- Alkalimat, A., and K. Williams. 2001. Social capital and cyberpower in the African American community: A case study of a community technology centre

in the dual city. In *Community informatics: Shaping computer-mediated social networks*, ed. L. Keeble and B. Loader, 177–204. London: Routledge.

Alvarez, R. M., and J. Nagler. 2001. The likely consequences of Internet voting for political representation. *Loyola of Los Angeles Law Review* 34 (3): 1115–1153.

Amadeu da Silva, S. 2001. *Exclusão Digital: A miséria na era da informação*. São Paulo: Fundação Perseu Abramo.

ASCII. 2001. Jargon File 4.3.1. <<http://www.tuxedo.org/~esr/jargon/html/entry/ASCII.html>>. Retrieved January 2, 2002.

Askonas, P., and A. Stewart, eds. 2000. *Social inclusion: Possibilities and tensions*. Houndmills, England: Macmillan.

Barlow, J. P. 1996. Declaration of independence of cyberspace. <<http://www.eff.org/~barlow/Declaration-Final.html>>. Retrieved July 1, 1999.

Bartholomae, D. 1986. Inventing the university. *Journal of Basic Writing* 5 (1): 4–23.

Bateson, G. 1972. *Steps to an ecology of mind: A revolutionary approach to man's understanding of himself*. New York: Ballantine.

Báthory-Kitz, D. 1999. Web accessibility of the presidential candidate sites. <<http://orbitaccess.com/presidential/>>. Retrieved January 6, 2002.

Becker, H. J. 1993. Computer experience, patterns of computers use, and effectiveness—An inevitable sequence or divergent national cultures? *Studies in Educational Evaluation* 19 (Summer): 127–148.

———. 2000. Who's wired and who's not? *The Future of Children* 10 (2): 44–75.

Bell, D. 1973. *The coming of post-industrial society*. New York: Basic Books.

Binns, D. 2001. Review of de Soto's *The mystery of capital: Why capitalism triumphs in the West and fails everywhere else*. <<http://www.fed.org/onlinemag/jan01/reviews.htm>>. Retrieved February 21, 2002.

Birdsall, N., and O. C. Lesley. 1999. *Globalization, income distribution and education: Putting education to work in Egypt*. Cairo: Egyptian Center for Economic Studies.

Birdsall, N., and J. L. Londoño. 1997. *Inequality and human capital accumulation in Latin America (with some lessons for Egypt)*. Distinguished Lecture Series 7. Cairo: Egyptian Center for Economic Studies.

Blom, J.-P., and J. J. Gumperz. 1972. Social meaning in linguistic structures: Code-switching in Norway. In *Directions in sociolinguistics*, ed. J. J. Gumperz and D. Hymes, 407–434. New York: Holt, Rinehart and Winston.

Bloom, J. R. 1982. Social support, accommodation to stress and adjustment to breast cancer. *Social Science and Medicine* 16: 1329–1338.

Bolter, J. D. 1991. *Writing space: The computer, hypertext, and the history of writing*. Hillsdale, N.J.: Erlbaum.

- . 1996. Ekphrasis, virtual reality, and the future of writing. In *The future of the book*, ed. G. Nunberg, 253–272. Berkeley: University of California Press.
- Bourdieu, P. 1986. The forms of capital. In *Handbook of theory and research for the sociology of education*, ed. J. G. Richardson, 241–258. Westport, Conn.: Greenwood Press.
- Bourguignon, F., and C. Morrison. 1999. *The size distribution of income among world citizens*. Paris: Delta and University of Paris, Département et laboratoire d'économie théorique et appliquée.
- Bowles, S., and H. Gintis. 1976. *Schooling in capitalist America: Educational reform and the contradictions of economic life*. New York: Basic Books.
- Brown, D. C. 1980. *Electricity for rural America: The fight for the REA*. Westport, Conn.: Greenwood Press.
- Brown, J. S., A. Collins, and P. Duguid. 1989. Situated cognition and the culture of learning. *Educational Researcher* 18 (1): 32–42.
- Brown, J. S., and P. Duguid. 2000. *The social life of information*. Boston: Harvard Business School Press.
- Bruner, J. S. 1972. *The relevance of education*, ed. Anita Gil. London: Allen and Unwin.
- Buchner, B. J. 1988. Social control and the diffusion of modern telecommunications technologies: A cross-national study. *American Sociological Review* 53 (3): 446–453.
- Burbules, N. C., and T. A. Callister, Jr. 2000. *Watch IT: The risks and promises of information technologies for education*. Boulder, Colo.: Westview Press.
- Bush, V. 1945. As we may think. *Atlantic Monthly* 176: 101–108.
- Buzato, M. E. K. 2001. O letramento eletrônico e o uso do computador no ensino de língua estrangeira: Contribuições para a formação de professores. Master's thesis, Universidade Estadual de Campinas, Campinas, Brazil.
- Byrne, D. 1999. *Social exclusion*. Buckingham, England: Open University Press.
- Canfield, J., and M. V. Hansen. 1993. *Chicken soup for the soul*. Deerfield Beach, Fla.: Health Communications, Inc. (HCI).
- Carter, T. F. 1925. *The invention of printing in China and its spread westward*. New York: Ronald Press, 1955.
- Carvin, A. 2000. Mind the gap: The digital divide as the civil rights issue of the new millennium. <<http://www.infotoday.com/MMSchools/Jan2000/carvin.htm>>. Retrieved May 10, 2001.
- . 2001. Website language stats. <<http://owa.benton.org/listserv/wa.exe?A2=ind0104andL=digitaldivideandD=1andT=0andO=DandF=landS=andP=11879>>. Retrieved December 28, 2001.
- Castells, M. 1993. The informational economy and the new international division of labor. In *The new global economy in the information age: Reflections on*

- our changing world*, ed. M. Carnoy, M. Castells, S. S. Cohen, and F. H. Cardoso, 15–43. University Park: Pennsylvania State University Press.
- . 1997. *The power of identity*. Malden, Mass.: Blackwell.
- . 2000a. *End of millennium*. 2d ed. Malden, Mass.: Blackwell.
- . 2000b. *The rise of the network society*. 2d ed. Malden, Mass.: Blackwell.
- . 2001. *The Internet galaxy: Reflections on the Internet, business, and society*. New York: Oxford University Press.
- Castells, M., and E. Kiselyova. 1995. *The collapse of Soviet communism: A view from the information society*. Berkeley: University of California Press.
- Cattagni, A., and E. F. Westat. 2001. Internet access in U.S. public schools and classrooms: 1994–2000. National Center for Education Statistics. <<http://nces.ed.gov/pubs2001/2001071.pdf>>. Retrieved February 21, 2002.
- Chambers, R. 1992. Rural appraisal: Rapid, relaxed and participatory. Discussion Paper 311. Brighton, U.K.: University of Sussex, Institute of Development Studies.
- Charbonnier, G. 1973. “Primitive” and “civilized” peoples: A conversation with Claude Lévi-Strauss. In *The future of literacy*, ed. R. Disch. Englewood Cliffs, N.J.: Prentice-Hall.
- Christensen, C. M. 1997. *The innovator’s dilemma: When new technologies cause great firms to fail*. Boston: Harvard Business School Press.
- Christensen, C. M., T. Craig, and S. Hart. 2001. The great disruption. *Foreign Affairs* 90 (2): 80–95.
- Cisler, S. 2000. Subtract the digital divide. <<http://www.mercurycenter.com/svtech/news/indepth/docs/soap011600.htm>>. Retrieved December 28, 2001.
- Cleaver, H. M. 1998. The Zapatista effect: The Internet and the rise of an alternative political fabric. *Journal of International Affairs* 51 (2): 621–640.
- Clines, F. X. 2001. Wariness leads to motivation in Baltimore free-computer experiment. *New York Times*, May 24.
- CNNIC (China Internet Network Information Center). 2000. *Seminannual survey report on the development of China’s Internet 2000/7*. <<http://www.cnnic.net.cn/develst/e-cnnic200007.shtml>>. Retrieved December 20, 2001.
- . 2001. *Seminannual survey report on the development of China’s Internet 2001/7*. <<http://www.cnnic.net.cn/develst/rep200107-e.shtml>>. Retrieved December 20, 2001.
- Coleman, J. S. 1988. Social capital in the creation of human capital. *American Journal of Sociology* 94: S95–S120.
- Colker, D. 2001. Stirring a virtual melting pot. *Los Angeles Times*, February 20, A1.

- Collier, P. 1998. Social capital and poverty. Social Capital Initiative Working Paper 4. Washington, D.C.: World Bank.
- Collins, A., J. S. Brown, and S. E. Newman. 1989. Cognitive apprenticeship: Teaching the crafts of reading, writing, and mathematics. In *Knowing, learning, and instruction*, ed. L. B. Resnick, 453–494. Hillsdale, N.J.: Erlbaum.
- Collins, H., and D. Braga. 2001. Interação e interatividade em duas modalidades de ensino de leitura na Internet. Paper presented at the Brazilian Congress of Applied Linguistics, Belo Horizonte, Brazil.
- Corea, S. 2000. Cultivating technological innovation for development. *Electronic Journal on Information Systems in Developing Countries* 2 (2): 1–15. <<http://www.ejisc.org/>>. Retrieved December 20, 2001.
- Crystal, D. 1997. *English as a global language*. Cambridge: Cambridge University Press.
- Cuban, L. 1986. *Teachers and machines: The classroom use of technology since 1920*. New York: Teachers College Press.
- . 1993. *How teachers taught: Constancy and change in American classrooms, 1890–1980*. 2d ed. New York: Longman.
- . 2001. *Oversold and underused: Computers in classrooms, 1980–2000*. Cambridge, Mass.: Harvard University Press.
- Cummins, J. 1984. *Bilingualism and special education: Issues in assessment and pedagogy*. Clevedon, England: Multilingual Matters.
- Cummins, J., and D. Sayers. 1990. Education 2001: Learning networks and educational reform. *Computers in the Schools* 7 (1/2): 1–29.
- . 1995. *Brave new schools: Challenging cultural illiteracy through global learning networks*. New York: St. Martin's Press.
- Cyberspeech. 1997. *Time* 149 (June 23): 23.
- Danziger, J. N., W. H. Dutton, R. Kling, and K. L. Kramer. 1982. *Computers and politics: High technology in American local government*. New York: Columbia University Press.
- Day, A., and M. Miller. 1990. Gabriel García Márquez on the misfortunes of Latin America, his friendship with Fidel Castro and his terror of the blank page. *Los Angeles Times Magazine*, September 2, 10.
- de Castell, S., and A. Luke. 1986. Models of literacy in North American schools: Social and historical conditions and consequences. In *Literacy, society, and schooling*, ed. S. de Castell, A. Luke, and K. Egan, 87–109. New York: Cambridge University Press.
- de Soto, H. 2000. *The mystery of capital: Why capitalism triumphs in the West and fails everywhere else*. New York: Basic Books.
- De Vaney, A., S. Gance, and Y. Ma, eds. 2000. *Technology and resistance: Digital communications and new coalitions around the world*. New York: Peter Lang.

- Dede, C. 1995. Testimony to the U.S. Congress, House of Representatives, Joint Hearing on Educational Technology in the 21st century. <http://www.virtual.gmu.edu/SS_research/cdpapers/congrpdf.htm>. Retrieved January 4, 2002.
- . 1997. Rethinking how to invest in technology. <http://www.ascd.org/articles/9711el_dede.html>. Retrieved January 4, 2002.
- The default language. 1999. *Economist* (May 15): 67.
- Dell, M., and C. Fredman. 1999. *Direct from Dell: Strategies that revolutionized an industry*. New York: Harper Business.
- Diamond, L. 1994. Rethinking civil society: Toward democratic consolidation. *Journal of Democracy* 5 (3): 5–17.
- DiCarlo, L. 1997. Buying PCs directly means no muss, no fuss. *PC Week*, February 17, 18.
- Dikhanov, Y., and M. P. Ward. 2000. Towards a better understanding of the global distribution of income. Washington, D.C.: World Bank.
- DiMaggio, P. J., and E. Hargittai. 2001. From the “digital divide” to “digital inequality”: Studying Internet use as penetration increases. Working Paper 19. Princeton, N.J.: Center for Arts and Cultural Policy Studies, Woodrow Wilson School, Princeton University.
- DiMaggio, P. J., E. Hargittai, R. Neuman, and J. Robinson. 2001. Social implications of the Internet. *Annual Review of Sociology* 27: 307–336.
- Dimaggio, P. J., and W. W. Powell. 1991. Introduction. In *The new institutionalism in organizational analysis*, ed. W. W. Powell and P. J. Dimaggio, 1–38. Chicago: University of Chicago Press.
- Dimond, M. 1979. Social support and adaptation to chronic illness: The case of maintenance hemodialysis. *Research in Nursing and Health* 2: 101–108.
- Dividing lines. 2001. *Education Week on the Web* 20 (May 10). <<http://www.edweek.org/sreports/tc01/tc01article.cfm?slug=35divideintro.h20>>. Retrieved February 22, 2002.
- Eisenstein, E. L. 1979. *The printing press as an agent of change: Communications and cultural transformations in early-modern Europe*. Cambridge: Cambridge University Press.
- European Commission. 2001a. e-Inclusion practices. Background Document 1 to the Working Document. <http://europa.eu.int/comm/employment_social/soc-dial/info_soc/esdis/eincl_1practices.pdf>. Retrieved December 10, 2001.
- . 2001b. e-Inclusion: The information society’s potential for social inclusion in Europe. Commission Staff Working Document SEC (2001)1428. <http://europa.eu.int/comm/employment_social/soc-dial/info_soc/esdis/documents.htm>. Retrieved December 10, 2001.
- Fairclough, N. 1989. *Language and power*. London: Longman.

- FCC (Federal Communications Commission). 1999. FCC releases new telephone subscribership report. <http://www.fcc.gov/Bureaus/Common_Carrier/News_Releases/1999/nrcc9006.html>. Retrieved May 10, 2001.
- Feenberg, A. 1991. *Critical theory of technology*. New York: Oxford University Press.
- . 1999a. No frills in the virtual classroom. *Academe* 85 (5). <<http://www.aaup.org/SO99Feen.htm>>. Retrieved November 20, 1999.
- . 1999b. *Questioning technology*. London: Routledge.
- Feldman, A., C. Konold, and B. Coulter. 2000. *Network science, a decade later: The Internet and classroom learning*. Mahwah, N.J.: Erlbaum.
- Fergany, N. 1998. *Human capital and economic performance in Egypt*. Mimeo. Cairo.
- Fergany, N., I. Farmaz, and C. Wissa. 1996. *Enrollment in primary education and cognitive achievement in Egypt: Change and determinants*. Cairo: Almishkat Centre for Research and Training.
- Fischer, C. S. 1992. *America calling: A social history of the telephone to 1940*. Berkeley: University of California Press.
- Foster, W., and S. Goodman. 2000. The diffusion of the Internet in China. Stanford University Center for International Security and Cooperation. <<http://cisac.stanford.edu/docs/chinainternet.pdf>>. Retrieved May 5, 2001.
- Freire, P. 1970. The adult literacy process as cultural action for freedom. *Harvard Educational Review* 40: 205–212.
- . 1994. *Pedagogy of the oppressed*. 3d ed. New York: Continuum.
- Freire, P., and D. Macedo. 1987. *Reading the word and the world*. Hadley, Mass.: Bergin and Garvey.
- Gee, J. P. 1996. *Social linguistics and literacies*. London: Taylor and Francis.
- Gee, J. P., G. Hull, and C. Lankshear. 1996. *The new work order: Behind the language of new capitalism*. St. Leonards, Australia: Allen and Unwin.
- Ginsparg, P. 2001. Creating a global knowledge network. Paper presented at the Second Joint ICSU Press–UNESCO Conference on Electronic Publishing in Science. <<http://arXiv.org/blurb/pg01unesco.html>>. Retrieved January 4, 2001.
- Gómez, R., P. Hunt, and E. Lamoureux. 1999. Telecentros y desarrollo social. *Chasqui: Revista Latinoamericana de Comunicación* 66: 54–58.
- Goodin, R. E. 1996. Institutions and their designs. In *The theory of institutional design*, ed. R. E. Goodin, 1–53. Cambridge: Cambridge University Press.
- Goody, J., ed. 1968. *Literacy in traditional societies*. Cambridge: Cambridge University Press.
- Goody, J., and I. Watt. 1963. The consequences of literacy. *Comparative Studies in History and Society* 5: 304–345.

- Governo Electronico. 2001. Relatório final—Oficina para inclusão social. <http://www.governoeletronico.gov.br/arquivos/inclusao_digital_relatorio_final.pdf>. Retrieved December 15, 2001.
- Graddol, D. 1997. *The future of English*. London: British Council.
- . 1999. The decline of the native speaker. In *English in a changing world*, ed. D. Graddol and U. H. Meinhof, 57–68. Guildford, U.K.: Biddles.
- Graham, S., J. Cornford, and M. Simon. 1996. The socio-economic benefits of a universal telephone network: A demand-side view of universal service. *Telecommunications Policy* 20: 1.
- Granovetter, M. 1973. Strength of weak ties. *American Journal of Sociology* 8: 1360–1380.
- Green, H., and L. Himelstein. 1998. A cyber revolt in health care. *Business Week*, October 19, 154.
- Greenfield, P. M. 1972. Oral and written language: The consequences for cognitive development in Africa, the United States, and England. *Language and Speech* 15: 169–178.
- Gumucio Dagron, A. 2001. *Making waves: Stories of participatory communication for social change*. New York: Rockefeller Foundation.
- Gurstein, M. 2000. *Community informatics: Enabling communities with information and communications technologies*. Hershey, Pa.: Idea Group.
- Haeri, N. 1997. The reproduction of symbolic capital: Language, state, and class in Egypt. *Current Anthropology* 38 (1): 795–805.
- Hafner, K., and M. Lyon. 1996. *Where wizards stay up late: The origins of the Internet*. New York: Simon and Schuster.
- Halliday, M. A. K. 1993. Towards a language-based theory of learning. *Linguistics and Education* 5 (2): 93–116.
- Hampton, K. N. 2000. Examining community in the digital neighborhood: Early results from Canada's wired suburb. In *Digital cities: Technologies, experiences, and future perspectives*, ed. T. Ishida and K. Isbister, 194–208. Heidelberg, Germany: Springer-Verlag.
- . 2001a. Living the wired life in the wired suburb: Netville, glocalization and civil society. Ph.D. diss., University of Toronto.
- . 2001b. Broadband neighborhoods—connected communities. In *CHI 2001 extended abstracts*, ed. J. Jacko and A. Sears, 301–302. New York: Association for Computer Machinery.
- Hampton, K. N., and B. Wellman. 1999. Netville on-line and off-line: Observing and surveying a wired suburb. *American Behavioral Scientist* 43 (3): 475–492.
- . 2001. Long distance community in the network society: Contact and support beyond Netville. *American Behavioral Scientist* 45 (3): 477–496.
- Hanson, E. 2001. Globalization, inequality, and the Internet in India. Paper presented at the annual meeting of the International Studies Association, Chicago.

- Hargittai, E. 1999. Weaving the Western Web: Explaining differences in Internet connectivity among OECD countries. *Telecommunications Policy* 23 (10/11): 701–718.
- . 2002a. How wide a Web: Inequalities in access to information in the age of the Internet. Ph.D. diss., Princeton University.
- . in press. Beyond logs and surveys: In-depth measures of people's Web use skills. *Journal of the American Society for Information Science and Technology Perspectives*.
- Harnad, S. 1991. Post-Gutenberg galaxy: The fourth revolution in the means of production and knowledge. *Public-Access Computer Systems Review* 2 (1): 39–53.
- He, K., and J. Wu. 2001. Innovative research to achieve the objectives of eight-year-old Chinese children's abilities to read and write: The experimentation of integrating information technology into language literacy education. Unpublished manuscript, Beijing Normal University, China.
- Heeks, R. 1999. ICTs, poverty and development. Working Paper 5. Institute for Development Policy and Management, University of Manchester. <<http://idpm.man.ac.uk/idpm/diwpf5.htm>>. Retrieved August 20, 2001.
- Heller, M. 1982. Language, ethnicity and politics in Quebec. Ph.D. diss., University of California at Berkeley.
- Henriquez, J., W. Hollway, C. Urwin, C. Venn, and V. Walkerdine. 1984. *Changing the subject*. New York: Methuen.
- Heydenrych, J. 2001. Computer mediated communication and WWW: Delivery modes and implementation variables—the case of the University of South Africa. <<http://www.techknowlogia.org/>>. Retrieved January 2, 2002.
- Hirsch, E. D. 1987. *Cultural literacy: What every American needs to know*. Boston: Houghton Mifflin.
- Hoffman, D. L., and T. P. Novak. 2001. The growing digital divide: Implications for an open research agenda. In *Understanding the digital economy: Data, tools, and research*, ed. E. Brynjolfsson and B. Kahin, 245–260. Cambridge, Mass.: MIT Press.
- Hornberger, N. 1997. Language policy, language education, and language rights: Indigenous, immigrant, and international perspectives. Paper presented at the annual conference of the American Association for Applied Linguistics, Orlando, Florida.
- How many online? 2001. <http://www.nua.com/surveys/how_many_online/>. Retrieved December 15, 2001.
- Hunt, P. 2001. True stories: Telecentres in Latin America and the Caribbean. *Electronic Journal on Information Systems in Developing Countries* 4 (5): 1–17. <<http://www.ejisd.org/>>. Retrieved February 22, 2002.
- ICTs in rural poverty alleviation. 2001. *Economic and Political Weekly* 36 (March 17).

- India. 2001. SIL International. <<http://www.sil.org/ethnologue/countries/India.html>>. Retrieved Sept. 1, 2001.
- Indian languages. 2001. <http://indiansaga.com/languages/language_home.html>. Retrieved September 1, 2001.
- Information Technology in Egypt*. 1998. Cairo: American Chamber of Commerce in Egypt.
- Jarboe, K. P. 2001. Inclusion in the information age: Reframing the debate. Athena Alliance. <<http://www.athenaalliance.org/inclusion.html>>. Retrieved December 15, 2001.
- Jarrar, S. A., and B. G. Massialas. 1992. Arab Republic of Egypt. In *International handbook of educational reform*, ed. J. Cookson, W. Peter, A. R. Sadovnik, and S. F. Semel, 149–167. Westport, Conn.: Greenwood Press.
- Jennings, T. 2001. ASCII: American standard code for information infiltration. World Power Systems. <<http://www.wps.com/texts/codes/index.html>>. Retrieved January 2, 2002.
- Jhunjhunwala, A. 2000. Unleashing telecom and Internet in India. Paper presented at the Asia/Pacific Research Center, Stanford University. <<http://www.tenet.res.in/Papers/unleash.html>>. Retrieved December 30, 2001.
- Kalathi, S., and T. C. Boas. 2001. The Internet and state control in authoritarian regimes: China, Cuba, and the counterrevolution. *First Monday* 6 (8). <http://www.firstmonday.dk/issues/issue6_8/kalathil/index.html>. Retrieved October 6, 2001.
- Kaplan, N. 1995. E-literacies. *Computer-Mediated Communication Magazine* 2 (3): 3–35. <<http://sunsite.unc.edu/cmcmag/1995/mar/kaplan.html>>.
- Kelly, K. 1997. New rules for the new economy. *Wired* 5: 140–144, 186–194.
- Klein, H. K. 1999. Tocqueville in cyberspace: Using the Internet for citizen's associations. *Information Society* 25: 213–220.
- Kling, R. 1991. Computerization and Social Transformations. *Science, Technology, and Human Values* 16 (3): 342–367.
- . 1999. What is social informatics and why does it matter? *D-Lib Magazine* 5 (1). <<http://www.dlib.org/dlib/january99/kling/01kling.html>>. Retrieved December 15, 2001.
- . 2000. Learning about information technologies and social change: The contribution of social informatics. *Information Society* 16 (3): 1–36.
- Kling, R., J. Fortuna, and A. King. 2001. The real stakes of virtual publishing: The transformation of E-Biomed into PubMed Central. CSI Working Paper 01–03. Indiana University Center for Social Informatics. <<http://www.slis.indiana.edu/csi/wp/wp01-03B.html>>. Retrieved January 5, 2002.
- Kling, R., and W. Scacchi. 1979. Recurrent dilemmas of computer use in complex organizations. *Proceedings of the National Computer Conference* 48: 107–116.

- . 1982. The web of computing: Computer technology as social organization. In *Advances in Computers*, vol. 21, ed. M. C. Yovits, 3–85. New York: Academic Press.
- Kraemer, K. L., J. Dedrick, and S. Yamashiro. 2000. Refining and extending the business model with information technology: Dell computer corporation. *Information Society* 16 (1): 5–21.
- Kramsch, C., F. A'Ness, and E. Lam. 2000. Authenticity and authorship in the computer-mediated acquisition of L2 literacy. *Language Learning and Technology* 4 (2): 78–104.
- Kranzberg, M. 1985. The information age: Evolution or revolution? In *Information technologies and social transformation*, ed. B. R. Guile, 35–54. Washington, D.C.: National Academy of Engineering.
- Krashen, S. 1989. We acquire vocabulary and spelling by reading: additional evidence for the input hypothesis. *Modern Language Journal* 73: 440–464.
- Kraut, R., S. Kiesler, B. Boneva, J. Cummings, V. Helgeson, and A. Crawford. 2002. Internet paradox revisited. *Journal of Social Issues* 58: 49–74.
- Kraut, R., M. Patterson, V. Lundmark, S. Kiesler, T. Mukophadhyay, and W. Scherlis. 1998. Internet paradox: A social technology that reduces social involvement and psychological well-being. *American Psychologist* 53 (9): 1017–1031.
- Kress, G. 1998. Visual and verbal modes of representation in electronically mediated communication: The potentials of new forms of text. In *Page to screen: Taking literacy into the electronic era*, ed. I. Snyder, 53–79. London: Routledge.
- Kress, G., and T. van Leeuwen. 1996. *Reading images: The grammar of visual design*. London: Routledge.
- Krishna, A. 2000. Creating and harnessing social capital. In *Social capital: A multifaceted perspective*, ed. P. Dasgupta and I. Serageldin, 71–93. Washington, D.C.
- Kualono. 2001. *Leokī: Kikowaena Kelaka'a'ike 'Ōlelo Hawai'i*. <<http://www.olelo.hawaii.edu/eng/information/leoki.html>>. Retrieved January 1, 2002.
- Labaton, S. 2001. New F.C.C. chief would curb agency reach. *New York Times*, February 7.
- Lamberg, L. 1997. Computers enter mainstream psychiatry. *Journal of the American Medical Association* 278: 799–801.
- Languages in Europe. 2002. <<http://europa.eu.int/comm/education/languages/lang/europeanlanguages.html>>. Retrieved January 1, 2002.
- Lanham, R. A. 1993. *The electronic word: Democracy, technology, and the arts*. Chicago: University of Chicago Press.
- Lankshear, C. 1994. *Critical literacy*. Belconnen, Australia: Australian Curriculum Studies Association.

- Lave, J. 1988. *Cognition in practice: Mind, mathematics and culture in everyday life*. Cambridge: Cambridge University Press.
- Lave, J., and E. Wenger, eds. 1991. *Situated learning: Legitimate peripheral participation*. Cambridge: Cambridge University Press.
- Lazarus, W., and F. Mora. 2000. *Online content for low-income and underserved Americans: The digital divide's new frontier*. Santa Monica, Calif.: Children's Partnership.
- Lerner, D. 1958. *The passing of traditional society*. New York: Free Press.
- Lessig, L. 1999. *Code and other laws of cyberspace*. New York: Basic Books.
- Levine, P. 2001. The Internet and civil society: Dangers and opportunities. <http://www.cisp.org/imp/may_2001/05_01levine.htm>. Retrieved October 6, 2001.
- Levinson, P. 1997. *The soft edge: A natural history and future of the information revolution*. London: Routledge.
- Lievrouw, L. A. 2000. The information environment and universal service. *Information Society* 16: 155–159.
- Lin, N. 2001. *Social capital: A theory of social structure and action*. Cambridge: Cambridge University Press.
- Littlewood, P., I. Glorieux, S. Herkommer, and I. Jonsson, eds. 1999. *Social exclusion in Europe: Problems and paradigms*. Aldershot, England: Ashgate.
- Loader, B., B. Hague, L. Keeble, and D. Eagle, eds. 2001. *Community informatics: Shaping computer-mediated social networks*. London: Routledge.
- Luria, A. R. 1976. *Cognitive development: Its cultural and social foundations*. Cambridge, Mass.: Harvard University Press.
- Magretta, J. 1998. The power of virtual integration: An interview with Dell Computer's Michael Dell. *Harvard Business Review* (March–April): 73–84.
- McConnell, S. 2000. A champion in our midst: Lessons learned from the impact of NGOs' use of the Internet. *Electronic Journal on Information Systems in Developing Countries* 2 (5): 1–14. <<http://www.ejisdc.org/>>. Retrieved December 20, 2001.
- McLuhan, M. 1962. *The Gutenberg galaxy: The making of typographic man*. Toronto: University of Toronto Press.
- Means, B., ed. 1994. *Technology and education reform: The reality behind the promise*. San Francisco: Jossey-Bass.
- Milanovic, B. 1999. True world income distribution, 1988 and 1993: First calculation based on household surveys alone. Washington, D.C.: World Bank.
- Milloy, C. 1981. D.C. schools: How to make do with less. *Washington Post*, November 15, B1.
- Mitra, S. 1999. Minimally invasive education for mass computer literacy. *CSI Communications* (June): 12–16. Computer Society of India. <<http://www.csi-india.org/csicomm.html>>. Retrieved February 22, 2002.

- Mokyr, J. 1990. *The lever of riches: Technological creativity and economic progress*. New York: Oxford University Press.
- Morton, F. S., F. Zetzmeyer, and J. Silva-Risso. 2001. Consumer information and price discrimination: Does the Internet affect the pricing of new cars to women and minorities? Working Paper 8668. National Bureau of Economic Research. <http://papers.ssrn.com/sol3/papers.cfm?abstract_id=294106>. Retrieved January 4, 2002.
- Mukherjee, N. 1993. *Participatory rural appraisal: Methodology and applications*. New Delhi: Concept Publishing.
- Murray, D. E. 1995. *Knowledge machines: Language and information in a technological society*. London: Longman.
- Neumann, P., and C. Uhlenkücken. 2001. Assistive technology and the barrier-free city: A case study from Germany. *Urban Studies*: 38 (2): 367–376.
- Nie, N. H., and L. Erbring. 2000. *Internet and society: A preliminary report*. Stanford: Stanford Institute for the Quantitative Study of Society. <http://www.stanford.edu/group/siqss/Press_Release/Preliminary_Report.pdf>. Retrieved December 20, 2001.
- Nielsen, J. 1999. Disabled accessibility: The pragmatic approach. <<http://www.useit.com/alertbox/990613.html>>. Retrieved January 6, 2002.
- Noble, D. 1998a. Digital diploma mills. Part 1: The automation of higher education. <<http://communication.ucsd.edu/dl/ddm1.html>>. Retrieved May 30, 1999.
- . 1998b. Digital diploma mills. Part 2: The coming battle over online instruction. <<http://communication.ucsd.edu/dl/ddm2.html>>. Retrieved May 30, 1999.
- NTIA (National Telecommunications and Information Administration). 2000. *Falling through the net: Toward digital inclusion*. Washington, D.C.
- Nye, D. 1990. *Electrifying America: A social meaning of new technology, 1880–1940*. Cambridge, Mass.: MIT Press.
- Ochs, E., and B. Shieffelin. 1984. Language acquisition and socialization: Three developmental stories and their implications. In *Culture theory: Essays on mind, self, and emotion*, ed. R. Shweder and R. Levine, 276–320. Cambridge: Cambridge University Press.
- OECD (Organization for Economic Cooperation and Development). 2000. *OECD information technology outlook 2000: ICTs, e-commerce, and the information economy*. <<http://www.oecd.org/>>.
- . 2001. *Communications outlook 2001*. <<http://www.oecd.org/>>.
- O’Leary, S. D. 2000. Falun Gong and the Internet. *Online Journalism Review*, June 15. <<http://ojr.usc.edu/content/story.cfm?request=390>>. Retrieved January 1, 2002.
- Olson, D. R. 1977. From utterance to text: The bias of language in speech and writing. *Harvard Educational Review* 47 (3): 257–281.

- . 1994. *The world on paper*. Cambridge: Cambridge University Press.
- Ong, W. 1982. *Orality and literacy: The technologizing of the word*. London: Routledge.
- Oppenheimer, T. 1997. The computer delusion. *Atlantic Monthly* 289 (July): 48–62.
- Orr, J. 1966. *Talking about machines: An ethnography of a modern job*. Ithaca, N.Y.: IRL Press.
- Osin, L. 1998. Computers in education in developing countries: Why and how? *Education and Technology Technical Notes Series* 13 (1). Washington, D.C.: World Bank.
- Papert, S. 1980. *Mindstorms: Children, computers, and powerful ideas*. New York: Basic Books.
- Pastore, M. 2000. Web pages by language. <http://cyberatlas.internet.com/big_picture/demographics/article/0,1323,5901_408521,00.html>. Retrieved August 20, 2001.
- Patterson, R., and E. J. Wilson. 2000. New IT and social inequality: Resetting the research and policy agenda. *Information Society*: 16 (1): 77–86.
- PCs and teachers omitted from new computer science curriculum. 2000. *Egyptian Gazette*, September 22, 2.
- Perez, C., and L. Soete. 1988. Catching up in technology: Entry barriers and windows of opportunity. In *Technical change and economic theory*, ed. G. Dossi, C. Freeman, R. Nelson, G. Silverberg, and L. Soete, 458–479. London: Pinter.
- Pershing, S. B. 2001. The voting rights act in the Internet age: An equal access theory for interesting times. *Loyola of Los Angeles Law Review* 34 (3): 1171–1211.
- Piaget, J. 1970. *Science of education and the psychology of the child*. New York: Orion Press.
- Pomfret, J. 2000. A low-key revolution: China's gays are coming out of the closet. *International Herald Tribune*, January 25, 2001.
- Population Reference Bureau. 2001. *2001 world population datasheet*. <<http://www.prb.org/>>. Retrieved December 15, 2001.
- Poster, M. 1997. Cyberdemocracy: Internet and the public sphere. In *Internet culture*, ed. D. Porter, 201–217. New York: Routledge.
- Postman, N. 1993. *Technopoly: The surrender of culture to technology*. New York: Vintage Books.
- Potashnik, M. 1996. Chile's learning network. *Education and Technology Technical Notes Series* 1 (2). Washington, D.C.: World Bank.
- Preston, P., and R. Flynn. 2000. Rethinking universal service: Citizenship, consumption norms, and the telephone. *Information Society*: 16: 91–98.

- Prinsloo, M., and M. Breir, eds. 1996. *The social uses of literacy: Theory and practice in contemporary South Africa*. Philadelphia: Sached Books.
- Proenza, F., J. Bastidas-Buch, and G. Montero. 2001. Telecenters for socio-economic and rural development in Latin America and the Caribbean. Inter-American Development Bank. <<http://www.iadb.org/regions/itdev/telecenters>>. Retrieved October 16, 2001.
- Putnam, R. 1993. The prosperous community: Social capital and public life. *American Prospect* 13: 35–42.
- . 2000. *Bowling alone: The collapse and revival of American community*. New York: Simon and Schuster.
- Rajora, R. 2002. *Bridging the digital divide: Gyanoot, the model for community networks*. New Delhi: Tata–McGraw Hill.
- Redden, G. 2001. Networking dissent: The Internet and the anti-globalization movement. *Mots Pluriels* 18. <<http://www.arts.uwa.edu.au/MotsPluriels/MP1801gr.html>>. Retrieved October 6, 2001.
- Reich, R. 1991. *The work of nations: Preparing ourselves for 21st century capitalism*. New York: Knopf.
- Renfrew, C. 1984. *Electricity, industry, and class in South Africa*. Albany: State University of New York Press.
- Resnick, P. 2002. Beyond bowling together: Sociotechnical capital. In *Human computer interaction in the new millennium*, ed. J. Carroll, 247–272. New York: Addison-Wesley.
- Rheingold, H. 2000. *The virtual community: Homesteading on the electronic frontier*. 2d ed. Cambridge, Mass.: MIT Press.
- Robison, K. K., and E. M. Crenshaw. 2000. Cyber-space and postindustrial transformations: A cross-national analysis of Internet development. Paper presented at the annual meeting of the American Sociological Association, Washington, D.C. <<http://home.columbus.rr.com/krisrobison/robisoncrensaw/cyber1ssrr.pdf>>. Retrieved December 31, 2001.
- Rodan, G. 1998. The Internet and political control in Singapore. *Political Science Quarterly* 113 (Spring).
- Rogers, E. M. 1962. *Diffusion of innovations*. New York: Free Press.
- Ronfeldt, D., and J. Arquilla. 2001. Networks, netwars, and the fight for the future. *First Monday* 6 (10). <http://www.firstmonday.org/issues/issue6_10/ronfeldt/>. Retrieved January 5, 2001.
- Ronfeldt, D., J. Arquilla, G. E. Fuller, and M. Fuller. 1998. *The Zapatista social netwar in Mexico*. Santa Monica, Calif.: RAND Corp.
- Rosenthal, E. 2001. China jails six for spreading sect's material. *New York Times*, December 24, A9.
- Salamon, L. M. 1994. The rise of the nonprofit sector. *Foreign Affairs* 73 (4): 109–122.

- Sandholtz, J. H., C. Ringstaff, and D. C. Dwyer. 1997. *Teaching with technology: Creating student-centered classrooms*. New York: Teachers College Press.
- Sarhaddi Nelson, S. 2001. Egyptians' obsession with grades fails to nurture creative thinkers. *Los Angeles Times*, January 21, A8.
- Schank, R. C., and C. Cleary. 1995. *Engines for education*. Hillsdale, N.J.: Erlbaum.
- Schaub, M. 2000. English in the Arab Republic of Egypt. *World Englishes* 19 (2): 225–238.
- Schecter, S., D. Sharken-Taboada, and R. Bayley. 1996. Bilingual by choice: Latino parents' rationales and strategies for raising children with two languages. *Bilingual Research Journal* 20 (2): 261–281.
- Schement, J. R., and S. C. Forbes. 2000. Identifying temporary and permanent gaps in universal service. *Information Society* 16 (2): 117–126.
- Schofield, J. W., and A. L. Davidson. in press. Achieving equality of student Internet access within schools. In *The social psychology of group identity and social conflict*, ed. A. H. Eagly, R. M. Baron, and V. L. Hamilton. Washington, D.C.: APA Books.
- Scribner, S., and M. Cole. 1981. *The psychology of literacy*. Cambridge, Mass.: Harvard University Press.
- SDRTA (San Diego Regional Technology Alliance). 2001. Mapping a future for digital connections: A study of the digital divide in San Diego County. <http://www.sdrta.org/sdrta/aboutsdrta/RTA_Report_0201.pdf>. Retrieved September 7, 2001.
- Seiter, E. 1993. *Sold separately: children and parents in consumer culture*. New Brunswick, N.J.: Rutgers University Press.
- . 2000. *Television and new media audiences*. Oxford: Oxford University Press.
- Selfe, C. 1990. Technology in the English classroom: Computers through the lens of feminist theory. In *Computers and community: Teaching composition in the twenty-first century*, ed. C. Handa, 118–139. Portsmouth, N.H.: Heinemann.
- Selfe, C., and R. J. Selfe. 1994. The politics of the interface: Power and its exercise in electronic contact zones. *College Composition and Communication* 45 (4): 480–504.
- Serageldin, I., and C. Grootaert. 2000. Defining social capital: An integrated view. In *Social capital: A multifaceted perspective*, ed. P. Dasgupta and I. Serageldin, 40–58. Washington, D.C.: World Bank.
- Shetzer, H., and M. Warschauer. 2000. An electronic literacy approach to network-based language teaching. In *Network-based language teaching: Concepts and practice*, ed. M. Warschauer and R. Kern, 171–185. New York: Cambridge University Press.

- Singer, C., E. J. Holmyard, A. R. Hall, and T. I. Williams. 1958. *A history of technology: The industrial revolution, c. 1750 to c. 1850*. Vol. 4. Oxford: Clarendon Press.
- Singh, J. P. 1999. *Leapfrogging development? The political economy of telecommunications restructuring*. Albany: State University of New York Press.
- Smith, J. 2001. The mystery of capital. Review. *Geonomist* 9 (3). <<http://www.progress.org/geonomy/geonom93.htm>>. Retrieved October 2, 2001.
- Smith, P. J., and E. Smythe. 1999. Globalization, citizenship and technology: The MAI meets the Internet. *Canadian Foreign Policy* 7 (2): 83–105.
- Spyd3r. 1998. The history of hacking. Help Net Security. <<http://www.net-security.org/text/articles/history.shtml>>. Retrieved February 23, 2002.
- Stanley, L. 2001. *Beyond access*. Occasional Paper 2. San Diego, Calif.: UCSD Civic Collaborative.
- Stewart, A. 2000. Social inclusion: An introduction. In *Social inclusion: Possibilities and tensions*, ed. P. Askonas and A. Stewart, 1–16. Houndmills, England: Macmillan.
- Street, B. 1984. *Literacy in theory and practice*. Cambridge: Cambridge University Press.
- . 1993. Introduction: The new literacy studies. In *Cross-cultural approaches to literacy*, ed. B. V. Street, 1–21. Cambridge: Cambridge University Press.
- . 1995. *Social literacies: Critical approaches to literacy in development, ethnography and education*. London: Longman.
- Sunstein, C. 2001. *Republic.com*. Princeton, N.J.: Princeton University Press.
- Tannen, D. 1994. *Gender and discourse*. New York: Oxford University Press.
- Tauscher, L., and S. Greenberg. 1997. How people revisit Web pages: Empirical findings and implications for the design of history systems. *International Journal of Human Computer Studies* 47 (1): 97–138.
- Tawila, S., C. B. Lloyd, B. S. Bensch, and H. Wassef. 2000. *The school environment in Egypt: A situational analysis of public preparatory schools*. Cairo: Population Council.
- Theil, H. 1967. *Economics and information theory*. Chicago: Rand McNally.
- Thierer, A. D. 2001. How free computers are filling the “digital divide”: A PowerPoint presentation. Heritage Foundation. <<http://www.heritage.org/features/powerpoint/digitaldivide/>>. Retrieved February 23, 2002.
- Tocqueville, A. de. 1835. *Democracy in America*. 2 vols. New York: Vintage Books, 1937, 1945.

- Todd, L., and I. Hancock. 1987. *International English Usage*. New York: NYU Press.
- Tukey, J. W. 1962. The future of data analysis. *Annals of Mathematical Statistics* 33: 13–14.
- Tuman, M. 1992. *Word perfect: Literacy in the computer age*. Pittsburgh: University of Pittsburgh Press.
- Turner, J. H. 2000. The formation of social capital. In *Social capital: A multifaceted perspective*, ed. P. Dasgupta and I. Serageldin, 94–146. Washington, D.C.: World Bank.
- Turner, J. W., J. A. Grube, and J. Meyers. 2001. Developing an optimal match within online communities: An exploration of CMC support communities and traditional support. *Journal of Communication* 51 (2): 231–251.
- UNDP (United Nations Development Programme). 1999a. *China human development report: Transition and the state*. Oxford University Press (China). <<http://www.unchina.org/undp/press/html/cnhdr99.htm>>. Retrieved February 23, 2002.
- . 1999b. *Human development report 1999: Globalization with a human face*. <<http://www.un.org/Pubs/textbook/e99hdp.htm>>. Retrieved February 23, 2002.
- . 2000. *Human development report 2000: Human rights and human development*. <<http://www.undp.org/hdr2000/home.html>>. Retrieved February 23, 2002.
- . 2001. *Human development report 2001: Making new technologies work for human development*. <<http://www.undp.org/hdro/>>. Retrieved February 23, 2002.
- United States Census Bureau. 1995. *Statistical abstract of the United States*. Washington, D.C.
- Verdisco, A., and J. C. Navarro. 2000. Costa Rica: Teacher training for education technology. <<http://www.techknowlogia.org/>>. Retrieved December 31, 2001.
- Vygotsky, L. S. 1978. *Mind in society*, ed. M. Cole, V. John-Steiner, S. Scribner, and E. Souberman. Cambridge, Mass.: Harvard University Press.
- . 1981. The genesis of higher mental functions. In *The concept of activity in Soviet psychology*, ed. J. V. Wertsch, 144–188. Armonk, N.Y.: M. E. Sharpe.
- Wade, R. 2001. Winners and losers. *Economist*, April 28, 79–82.
- Wales, J. A. 2001a. Equity and access to higher education for underrepresented students: Can advanced placement opportunities through online learning make a difference? The implications for technology. Unpublished manuscript, University of California at Irvine.

- . 2001b. Online AP macroeconomics. Unpublished manuscript, University of California at Irvine.
- . 2001c. Online introduction to computer science and the C programming language. Unpublished manuscript, University of California at Irvine.
- Wallsten, S. J. 2001. An econometric analysis of telecom competition, privatization, and regulation in Africa and Latin America. *Journal of Industrial Economics* 49 (1): 1–20.
- Walton, A. 1999. Technology vs. African-Americans. *Atlantic Monthly* 283 (1): 14–18.
- Warschauer, M. 1997. Computer-mediated collaborative learning: Theory and practice. *Modern Language Journal* 81 (3): 470–481.
- . 1998. Technology and indigenous language revitalization: Analyzing the experience of Hawai'i. *Canadian Modern Language Review* 55 (1): 140–161.
- . 1999. *Electronic literacies: Language, culture, and power in online education*. Mahwah, N.J.: Erlbaum.
- . 2000a. The changing global economy and the future of English teaching. *TESOL Quarterly* 34: 511–535.
- . 2000b. Technology and school reform: A view from both sides of the tracks. *Education Policy Analysis Archives* 8 (4). <<http://epaa.asu.edu/epaa/v8n4.html>>. Retrieved January 2, 2002.
- . 2001a. The allures and illusions of modernity: Technology and educational reform in Egypt. Unpublished manuscript.
- . 2001b. Language choice online: Globalization vs. identity in the age of information. Unpublished manuscript.
- . 2001c. Singapore's dilemma: Control vs. autonomy in IT-led development. *Information Society* 17 (4): 305–311.
- Warschauer, M., and K. Donaghy. 1997. Leokī: A powerful voice of Hawaiian language revitalization. *Computer Assisted Language Learning* 10 (4): 349–362.
- Warschauer, M., G. Refaat, and A. Zohry. 2000. Language and literacy online: A study of Egyptian Internet users. Paper presented at the annual meeting of the American Association for Applied Linguistics, Vancouver, Canada.
- Web surpasses one billion documents. 2000. <<http://www.inktomi.com/news/press/2000/billion.html>>. Retrieved August 1, 2001.
- Weedon, C. 1987. *Feminist practice and poststructuralist theory*. London: Blackwell.
- Wellman, B., A. Q. Haase, J. Witte, and K. Hampton. 2001. Does the Internet increase, decrease, or supplement social capital?: Social networks, participation, and community commitment. *American Behavioral Scientist* 45 (3): 437–456.
- Wells, G., and G. L. Chang-Wells. 1992. *Constructing knowledge together*. Portsmouth, N.H.: Heinemann.

- Wenglinsky, H. 1998. Does it compute? The relationship between educational technology and student achievement in mathematics. Policy Information Report. Educational Testing Service. <<ftp://ftp.ets.org/pub/res/technolog.pdf>>. Retrieved January 5, 2002.
- West, C. 1990. Not just “doctor’s orders”: Directive-response sequences in patients’ visits to women and men physicians. *Discourse and Society* 1 (1): 85–113.
- Whalen, J., and E. Vinkhuyzen. 2000. Expert systems in (inter)action: Diagnosing document machine problems over the telephone. In *Workplace studies: Recovering work practice and informing system design*, ed. P. Luff, J. Hindmarsh, and H. Christiapp, 92–140. New York: Cambridge University Press.
- Willis, P. E. 1977. *Learning to labor: How working class kids get working class jobs*. New York: Columbia University Press.
- Wilson, E. 2000. *Briefing the President*. Internet Policy Institute. <<http://www.internetpolicy.org/briefing/ErnestWilson0700.html>>. Retrieved May 10, 2001.
- Wilson, W. H. 1998. I ka ’olelo Hawai’i ke ola [Life is found in the Hawaiian language]. *International Journal of the Sociology of Language* 132: 123–137.
- Winner, L. 1986. *The whale and the reactor: The search for limits in a technological society*. Chicago: University of Chicago Press.
- Woolcock, M. 1998. Social capital and economic development: Toward a theoretical synthesis and policy framework. *Theory and Society* 27: 151–208.
- World development report 1998/99: Knowledge and development*. Washington, D.C.: World Bank.
- World development report 2000/01: Attacking poverty*. Washington, D.C.: World Bank.
- World Wide Web Consortium. 2001a. Checklist of checkpoints for Web content accessibility guidelines 1.0. <<http://www.w3.org/tr/wai-webcontent/full-checklist.html>>. Retrieved January 6, 2002.
- . 2001b. How people with disabilities use the Web. <<http://www.w3.org/wai/eo/drafts/pwd-use-web/overview.html>>. Retrieved January 6, 2002.
- . 2001c. User agent accessibility guidelines 1.0. <<http://www.w3.org/tr/uag10/>>. Retrieved January 6, 2002.
- Wysocki, B. 1999. Dell or be delled. *Wall Street Journal*, May 10, A1.
- Yeo, S., and A. Mahizhnan. 1999. Censorship: Rules of the game are changing. *Sunday Times*, August 15, 34–35.
- Young, J. R. 2001. Does “digital divide” rhetoric do more harm than good? *Chronicle of Higher Education*, November 9. <<http://chronicle.com/free/v48/i11/11a05101.htm>>. Retrieved December 10, 2001.
- Zanini, M., and S. J. A. Edwards. 2001. The networking of terror in the information age. In *Networks and netwars: The future of terror, crime, and militancy*, ed. J. Arquilla and D. Ronfeldt, 29–58. Santa Monica, Calif.: RAND Corp.

- Zook, M. A. 2001a. Domain names worldwide. <<http://www.zooknic.com/Domains/international.html>>. Retrieved December 28, 2001.
- . 2001b. Domains per capita. <http://www.zooknic.com/Domains/Domains_per_capita.pdf>. Retrieved December 28, 2001.
- . 2001c. Old hierarchies or new networks of centrality? The global geography of the Internet content market. *American Behavioral Scientist* 44 (10): 1679–1696.
- Zuboff, S. 1988. *In the age of the smart machine: The future of work and power*. New York: Basic Books.

This is a section of [doi:10.7551/mitpress/6699.001.0001](https://doi.org/10.7551/mitpress/6699.001.0001)

Technology and Social Inclusion

Rethinking the Digital Divide

By: Mark Warschauer

Citation:

Technology and Social Inclusion: Rethinking the Digital Divide

By: Mark Warschauer

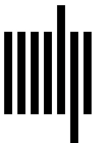
DOI: 10.7551/mitpress/6699.001.0001

ISBN (electronic): 9780262257176

Publisher: The MIT Press

Published: 2004

The open access edition of this book was made possible by generous funding and support from the author



The MIT Press

First MIT Press paperback edition, 2004
© 2003 Massachusetts Institute of Technology

All rights reserved. No part of this book may be reproduced in any form by any electronic or mechanical means (including photocopying, recording, or information storage and retrieval) without permission in writing from the publisher.

This book was set in Sabon by SNP Best-set Typesetter Ltd., Hong Kong
Printed and bound in the United States of America.

Library of Congress Cataloging-in-Publication Data

Warschauer, Mark.

Technology and social inclusion : rethinking the digital divide /
Mark Warschauer.

p. cm.

Includes bibliographical references and index.

ISBN 0-262-23224-3 (hc. : alk. paper), 0-262-73173-8 (pb.)

1. Digital divide. 2. Marginality, Social. I. Title.

HN49.I56 W37 2003

303.48'33—dc21

2002075130

10 9 8 7 6 5 4 3 2