

# Bibliography

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- Abbate, Janet (1999), *Inventing the Internet*, MIT Press, Cambridge, MA.
- Abernathy William and Kim Clark (1985), 'Innovation: mapping the winds of creative destruction', *Research Policy*, **14** (1), 3–22.
- Abernathy, William and James Utterback (1978), 'Patterns of innovation in technology', *Technology Review*, **80** (7), 1–9.
- Abramson, Albert (1987), *The History of Television, 1880 to 1941*, McFarland, London.
- Aitken, Hugh (1976), *Syntony and Spark: The Origins of Radio*, John Wiley & Sons, New York.
- Aitken, Hugh (1985), *The Continuous Wave: Technology and American Radio 1900–1932*, Princeton University Press, Princeton, NJ.
- Akrich, Madeleine (1989), 'La construction d'un système socio-technique. Esquisse pour une anthropologie des techniques', *Anthropologie et sociétés*, **13** (2), 31–54.
- Akrich Madeleine (1992), 'The description of technical objects', in Bijker and Law (eds), pp. 205–24.
- Akrich, Madeleine (1993), *Raisons pratiques*, **4**, 35–57.
- Akrich, Madeleine (1995), 'User representations: practices, methods and sociology', in Rip et al. (eds), pp. 167–84.
- Akrich, Madeleine, Michel Callon and Bruno Latour (1988), 'A quoi tient le succès des innovations', *Annales des mines*, no. 11, June: 4–17, trans. English (2002), 'The key to success in innovation', *International Journal of Innovation Management*, **6** (2), 187–225.
- Akrich, Madeleine and Bruno Latour (1992), 'A summary of a convenient vocabulary for the semiotics of human and nonhuman assemblies', in Bijker and Law (eds), pp. 259–64.
- Alpers, Svetlana (1983), *The Art of Describing*, University of Chicago Press, Chicago.
- Alsène, Eric (1990), 'Les impacts de la technologie sur l'organisation', *Sociologie du travail*, no. 3, 321–37.
- Alter, Norbert (1983), 'L'effet organisationnel de l'innovation technologique: le cas de la télématique', PhD in sociology, Institut d'Études Politiques de Paris.

- Amblard, Henri, Philippe Bernoux, Gilles Herreros and Yves-Frédéric Livian (1996), *Les Nouvelles Approches historiques des organisations*, Le Seuil, Paris.
- Ancelin, Claire and Marie Marchand (1984), *Télématique: promenade dans les usages*, La Documentation française, Paris.
- Arnal, Nicole and Alain Busson (1993), 'Vers de nouvelles pratique audiovisuelles', *Réseaux*, **60**, 142–50.
- Aron, Raymond (1957), *Introduction à la philosophie de l'histoire. Essai sur les limites de l'objectivité historique* (1st edn, 1938), Gallimard, Bibliothèque des idées, Paris, trans. English (1976), *Introduction to the Philosophy of History: An Essay on the Limits of Historical Objectivity*, Greenwood Press, Westport, CT.
- Arrow Kenneth (1962), 'The economic implications of learning by doing', *Review of Economic Studies*, **29**, June, 155–73.
- Arthur, Brian (1988), 'Competing technologies: an overview', in Dosi et al., pp. 590–607.
- Baczko, Bronislaw (1978), *Lumières de l'utopie*, Payot, Paris, translated in English (1989), *Utopian Lights: The Evolution of the Idea of Social Progress*, Paragon House, New York.
- Ballé, Catherine and Jean-Louis Peaucelle (1972), *Le Pouvoir informatique dans l'entreprise*, Les Editions d'organisation, Paris.
- Barbichon, Georges and Serge Moscovici (1962), 'Modernisation des mines, conversion des mineurs', *Revue française du travail*, July–September, 1–201.
- Barras, Richard (1986), 'Towards a theory of innovation in services', *Research Policy*, **15**, 161–73.
- Baszanger Isabelle (1992), 'La tradition interactionniste et la sociologie des sciences et des techniques', in Pestre (ed.), pp. 35–69.
- Battelle, John (2005), *The Search: How Google and its Rivals Rewrote the Rules of Business and Transformed Our Culture*, Portfolio, New York.
- Baxandall, Michael (1972), *Painting and Experience in Fifteenth Century Italy*, Oxford University Press, paperback London.
- Baxandall, Michael (1985), *Patterns of Intention*, Yale University Press, New Haven, CT.
- Bazerman, Charles (1999), *The Languages of Edison's Light*, MIT Press, Cambridge, MA.
- Beaudouin, Valérie and Julia Velkovska (1999), 'The Cyberians: an empirical study of sociality in a virtual community', in Kathy Buckner (ed.), *Proceedings of Esprit i3 Workshop on Ethnographic Studies in Real and Virtual Environments*, Queen Margaret College, Edinburgh, pp. 102–12.

- Becker, Howard (1963), *Outsiders: Studies in the Sociology of Deviance*, Free Press, New York.
- Béguin, Pascal (2007), 'Dialogisme et conception des systèmes de travail', *Psychologie de l'interaction*, **23–4**, 167–96.
- Beltran, Alain and Patrice Carré (1991), *La Fée et la servante. La Société française face à l'électricité*, Belin, Paris.
- Benjamin Walter (1989), 'Baudelaire', in *Paris, capitale du XIXe siècle*, Le Cerf, Paris, pp. 247–405.
- Bertrand, Gisèle, Chantal de Gournay and Pierre-Alain Mercier (1988), 'Le programme global', *Réseaux*, **32**, 45–66.
- Bijker, Wiebe (1992), 'The social construction of fluorescent lighting or how an artefact was invented in its diffusion stage', in Bijker and Law (eds), pp. 75–102.
- Bijker Wiebe (1995), *Of Bicycles, Bakelites and Bulbs: Towards a Theory of Sociotechnical Change*, MIT Press, Cambridge, MA.
- Bijker, Wiebe, Thomas Hughes and Trevor Pinch (eds) (1987), *The Social Construction of Technological System*, MIT Press, Cambridge, MA.
- Bijker, Wiebe and John Law (eds) (1992), *Shaping Technology/Building Society: Studies on Sociotechnical Change*, MIT Press, Cambridge, MA.
- Bijker, Wiebe and Trevor Pinch (2002), 'SCOT answers, other questions', *Technology and Culture*, **43** (2), 361–70.
- Bimber, Bruce (1994), 'Three faces of technological determinism', in Roe Smith and Marx (eds), pp. 79–100.
- Blaug, Mark (1963), 'A survey on the theory of process innovations', *Economica*, February, 13–32.
- Bloch Marc (1935a), 'Avènement et conquêtes du moulin à eau', *Les Annales d'histoire économique et sociale*, **36**, 538–63, trans. English (1967), 'The advent and triumph of the watermill', in *Land and Work in Medieval Europe*, University of California Press, Berkeley, CA.
- Bloch, Marc (1935b), 'Les Inventions médiévales', *Les Annales d'histoire économique et sociale*, **36**, republished in *Mélanges historiques* (1963), Sevpen, Paris, Vol. II, 822–8.
- Bloch, Marc (1937), 'Que demander à l'histoire', republished in Vol. 1, pp. 3–15, *Mélanges Historiques* (1963), Sevpen, Paris.
- Bloch Marc (1938), 'Technique et évolution sociale: réflexions d'un historien', *Europe*, republished in *Mélanges Historiques* (1963), Sevpen, Paris, Vol. II, 833–8.
- Bloor, David (1976), *Knowledge and Social Imagery*, Routledge & Kegan Paul, London.

- Boudon Raymond (1990), *L'Art de se persuader*, Fayard, Paris, trans. English (1994), *The Art of Self-persuasion: The Social Explanation of False Beliefs*, Polity, Cambridge.
- Boullier, Dominique (1989), 'Du bon usage d'une critique du modèle diffusionniste', *Réseaux*, **36**, June, 31–51.
- Boyer, Robert (ed.) (1991), *Les Figures de l'irréversibilité*, Éditions de l'École des Hautes Études en Sciences Sociales, Paris.
- Braudel, Fernand (1979), *Civilisation matérielle, économie et capitalisme*, Vol. I: *Les Structures du quotidien*, Armand Colin, Paris, trans. English (1981), *Civilization and Capitalism, 15th–18th Century*, Vol. I: *The Structure of Everyday Life*, Harper & Row, New York.
- Breton, Philippe (1992a), 'L'esprit et la matière, bref plaidoyer pour une sociologie amontiste des techniques', in Prades (ed.), pp. 45–52.
- Breton, Philippe (1992b), *L'Utopie de la communication*, La Découverte, Paris.
- Breton, Philippe (1993), *La Formation des valeurs et le champ de la sécurité informatique. Étude d'un corpus de textes de la littérature professionnelle*, CNET, mimeo.
- Brown, Jerry (February 1978), Esquine cited in Theodore Roszack (1986), *The Cult of Information*, Lutterworth Press, Cambridge, MA, p. 65.
- Brown, John Seely and Paul Duguid (1994), 'Borderline issues: social and material aspects of design', *Human–Computer Interaction*, **9**, 3–36.
- Bruton, H.J. (1963), 'Contemporary theorizing on economic growth', cited by Blaug, pp. 287–97.
- Bucciarelli, Louis (1994), *Designing Engineers*, MIT Press, Cambridge, MA.
- Bud Frierman, Lisa (ed.) (1994), *Information Acumen: The Understanding and Use of Knowledge in Modern Business*, Routledge, London.
- Callon, Michel (1980), 'Struggles and negotiations to define what is problematic and what is not: the sociologic of translation', in Knorr, Krohn and Whitley (eds), *The Process of Scientific Investigation*, D. Reide: Dordrecht, pp. 197–220.
- Callon, Michel (1981), 'Pour une sociologie des controverses technologiques', *Fundamenta Scientiae*, **2** (3/4), 381–99.
- Callon, Michel (1986), 'Éléments pour une sociologie de la traduction', *L'Année sociologique*, PUF, Paris, pp. 169–208, trans. English 'Some elements of a sociology of translation', in Law (ed.), pp. 196–223.
- Callon, Michel (1987), 'Society in the making: the study of technology as of tool for sociological analysis', in Bijker et al. (eds), pp. 83–103.
- Callon, Michel (ed.) (1989a), *La Science et ses réseaux, genèse et circulation des faits scientifiques*, La Découverte, Paris.

- Callon, Michel (1989b), 'L'agonie d'un laboratoire', in Callon (ed.) (1989a), pp. 173–214.
- Callon, Michel and Bruno Latour (1981), 'Unscrewing the big Leviathan: how actors macro-structure reality and how sociologists help to do so', in Knorr-Cetina and Cicourel (eds), pp. 275–303.
- Carey, James and John Quirk (1970), 'The mythos of the electronic revolution', *The Scholar*, **39** (2), Spring, 219–41.
- Caron, François (1991), 'Histoire économique et dynamique des structures', *L'Année sociologique*, PUF, Paris.
- Castoriadis, Cornelius (1992), 'Technique', *Encyclopedia Universalis*, Vol. 22, Paris, p. 126.
- Castronova, Edward (2001), 'Virtual Worlds': a first-hand account of market and society on the Cyberian frontier', CESifo Working Papers 618, Munich.
- Ceruzzi, Paul (1983), *Reckoners: the Prehistory of the Digital Computer 1935–1945*, Greenwood Press, Westport, CT.
- Ceruzzi, Paul (1987), 'An unforeseen revolution: computers and expectations, 1935–1985', in Corn, (ed.), pp. 188–201.
- Chanaron, Jean-Jacques and Jacques Perrin (1986), 'Science, technologie et modes d'organisation du travail', *Sociologie du travail*, no. 1, 23–40.
- Chandler, Alfred (1990), *Scale and Scope: The Dynamics of Industrial Capitalism*, Harvard University Press, Cambridge, MA.
- Chase, Stuart (1933), 'A vision in kilowatts', *Fortune*, April, p. 5.
- Chevalier, Michel (1836), *Les Lettres sur l'Amérique du Nord*, Vol. II, Gosselin, Paris.
- Clark, Kim and Steven Wheelwright (1992), 'Organizing and leading "heavyweight" development teams', *California Management Review*, Spring, 9–28.
- Clarke, Adele (1990), 'A social worlds research adventure. The case of reproductive science', in Cozzens and Gieryn (eds), pp. 15–43.
- Clarke, Adele (1991), 'Social worlds/arenas theory as organizational theory', in Maines (ed.), pp. 119–58.
- Clayton Nick (2002), 'SCOT: does it answer?', *Technology and Culture*, **43** (2), 351–60.
- Coleman, James, Elihu Katz and Herbert Menzel (1957), 'The diffusion of an innovation among physicians', *Sociometry*, December, 253–70.
- Collins, Harry (1985), *Change in Order: Replication and Induction in Scientific Practice*, Sage, London.
- Collins, Harry and Steven Yearley (1991), 'Epistemological chicken' in Pickering (ed.), pp. 369–89.
- Constant, Edward (1973), 'A model for technological change applied to the turbojet revolution', *Technology and Culture*, **14** (4), 553–72.

- Corn, Joseph (1983), *The Winged Gospel: America's Romance with Aviation 1900–1950*, Oxford University Press, Oxford and New York.
- Corn, Joseph (ed.), (1987), *Imagining Tomorrow: History, Technology and the American Future*, MIT Press, Cambridge, MA.
- Cortada, James (1993), *The Computer in the United States: From Laboratory to Market, 1930 to 1960*, Sharpe, Armonk, NY.
- Coulon, Alain (1993), *L'Ethnométhodologie*, 'Que sais-je?', PUF, Paris.
- Cowan, Ruth Schwartz (1983), *More Work for Mother: The Ironies of Household Technology from the Open Hearth to the Microwave*, Basic Books, New York.
- Cowan, Ruth Schwartz (1987), 'The consumption junction: a proposal for research strategies in the sociology of technology', in Bijken et al. (eds), pp. 261–80.
- Cowan, Robin (1990), 'Nuclear power reactors: a study in technology lock-in', *Journal of Economic History*, **50** (3), 541–66.
- Cozzens, Susan and Thomas Gieryn (eds) (1990), *Theories of Science in Society*, Indiana University Press, Bloomington, IN.
- Cresswell, Robert (1983), 'Transferts de techniques et chaînes opératoires', *Techniques et culture*, **2**, 143–59.
- Cros, Charles (1970), *Étude sur les moyens de communication avec les planètes* (1869), in *Œuvres complètes*, Gallimard, 'La Pléiade', Paris, pp. 510–25.
- Danto, Arthur (1965), *Analytical Philosophy of History*, Cambridge University Press, Cambridge.
- Daumas, Maurice (ed.) (1962), *Histoire générale des techniques*, Vol. I, PUF, Paris.
- Daumas, Maurice (1969), 'L'histoire des techniques: son objet, ses limites, ses méthodes', *Revue d'histoire des sciences et de leurs applications*, Paris, **22** (1), 5–32.
- Daumas, Maurice (ed.) (1979), *Histoire générale des techniques*, Vol. V, PUF, Paris.
- David, Paul (1971), 'The landscape and the machine: technical interrelatedness, land tenure and the mechanization of the corn harvest in Victorian Britain', in McCloskey (ed.), pp. 145–205.
- David, Paul (1985), 'Clio and the economics of QWERTY', *American Economic Review*, **75** (2), May, 332–7.
- David, Paul (1986), 'Understanding the economics of QWERTY: the necessity of history', in Parker (ed.), pp. 30–49.
- David, Paul (1991), 'The hero and the herd in technological history: reflections on Thomas Edison and the battle of the systems', in Higonnet et al. (eds), pp. 72–119.

- David, Paul (1992), 'Dépendance du chemin et prévisibilités dynamiques avec externalités de réseau localisées: un paradigme pour l'économie historique', in Foray and Freeman (eds), pp. 241–73.
- David, Paul and Dominique Foray (1994), 'Percolation structures, Markov random fields and the economics of EDI standards diffusion', in Pogorel (ed.), pp. 135–70.
- De Certeau, Michel (1980), *L'invention du quotidien*, Vol. I., *Arts de faire*, UGE-10/18, Paris, trans. English (1984), *The Practice of Everyday Life*, University of California Press, Berkeley, CA.
- De Fleur, Melvin (1970), 'Mass communication and social change', (first published, 1966 *Social Forces*), in Tunstall (ed.), pp. 59–78.
- De Fornel, Michel (1988), 'Contraintes systématiques et contraintes rituelles dans l'interaction visiophonique', *Réseaux*, **29**, 33–46.
- De Fornel, Michel (1991), *Usages et pratiques du visiophone à Biarritz: objet technique, cadre interactionnel et sociabilité ordinaire*, CNET, mimeo, Paris.
- De Fornel, Michel (1996), 'The interactional frame of videophonic exchange', *Réseaux, French Journal of Communication*, 4 (1), University of Lutton Press, Lutton, 47–72.
- De L'Isle-Adam, Villiers (1986), *L'Ève future*, in *Œuvres complètes*, Vol. I, Gallimard, 'La Pléiade', Paris, trans. English (1981), *Eve of the Future Eden*, Coronado Press, Lawrence, KS.
- De Michelis, Giorgio, Carla Simone and Kjeld Schmidt (eds) (1993), *Proceedings of the Third European Conference on Computer Supported Cooperative Work*, Kluwer Academic, Dordrecht.
- De Oliviera Domingues, C. (1986), 'Technologie et crise', PhD thesis in economics, University of Paris-X-Nanterre.
- Debray, Régis (1991), *Cours de médiologie générale*, Gallimard, Paris.
- Denzin, Norman (ed.) (1978), *Studies in Symbolic Interaction*, JAI Press, Greenwich, CT.
- Dixon, Robert (1980), 'Hybrid corn revisited', *Econometrica*, September, 1451–61.
- Dockès, Pierre (1990), 'Formations et transferts des paradigmes sociotechniques', *Revue française d'économie*, **5** (4), Autumn, 29–82.
- Dockès, Pierre and Bernard Rosier (1991), 'Histoire "raisonnée" et économie historique', *Revue économique*, **42** (2), March, 181–210.
- Dosi, Giovanni (1982), 'Technological paradigms and technological trajectories', *Research Policy*, **11**, 147–62.
- Dosi, Giovanni, Christopher Freeman, Richard Nelson, Gerald Silverberg and Luc Soete (eds) (1988), *Technical Change and Economic Theory*, Pinter, London.

- Dosi, Giovanni and Luigi Orsenigo (1988), 'Coordination and transformation: an overview of structures, behaviours and change in evolutionary environments', in Dosi et al. (eds), pp. 13–37.
- Douglas, Susan (1987), *Inventing American Broadcasting (1899–1922)*, Johns Hopkins University Press, Baltimore, MD.
- Du Gay, Paul, Stuart Hall, Linda Janes, Hugh Mackay and Keith Negus (1997), *Doing Cultural Studies: The Story of the Sony Walkman*, Sage, London.
- Dupuy, Jean-Pierre, François Eymard-Duvernay, Oliver Favereau, André Orléan, Robert Salais and Laurent Thévenot (1989), 'L'économie des conventions', *Revue Economique*, **40** (2), 141–6.
- Durand, Claude (1978), *Le Travail enchaîné. Organisation du travail et domination sociale*, Le Seuil, Paris.
- Eisenstein, Elizabeth L. (1993), *The Printing Revolution in Early Modern Europe*, Cambridge University Press, Cambridge, canto edition.
- Ellul, Jacques (1977), *Le Système technicien*, Calmann-Lévy, Paris, trans. English (1980), *The Technological System*, Continuum, New York.
- Ellul, Jacques (1990), *La Technique ou l'enjeu du siècle*, Economica, Paris, (1st edn 1954), trans. English (1964), *The Technological Society*, Knopf, New York.
- Febvre, Lucien (1935), 'Réflexions sur l'histoire des techniques', *Annales d'histoire économique et sociale*, **36**, November, 531–5.
- Fischer, Claude (1992a), 'Appels privés, significations individuelles. Histoire sociale du téléphone avant guerre aux États-Unis', *Réseaux*, **55**, 65–105.
- Fischer, Claude (1992b), *America Calling: A Social History of the Telephone*, University of California Press, Berkeley, CA.
- Flammarion, Camille (1911), *Mémoires biographiques et philosophiques d'un astronome*, E. Flammarion, Paris.
- Fleck, James, Juliet Webster and Robin Williams (1990), 'Dynamics of information technology implementation', *Futures*, July–August, 618–40.
- Flichy, Patrice (1991), 'The losers win. A comparative history of two innovations: videotex and the videodisc', in Jouët et al. (eds), pp. 73–86.
- Flichy, Patrice (1995), *Dynamics of Modern Communication: The Shaping and Impact of New Communication Technologies*, Sage, London.
- Flichy, Patrice (2007), *The Internet Imaginaire*, MIT Press, Cambridge, MA.
- Foray, Dominique (1989), 'Les modèles de la compétition technologique. Une revue de la littérature', *Revue d'économie industrielle*, **48**, 2nd quarter, 16–34.



- Foray, Dominique (1992), 'Choix des techniques, rendements croissants et processus historiques: la nouvelle économie du changement technique', in Prades (ed.), pp. 57–93.
- Foray, Dominique and Christopher Freeman (eds) (1992), *Technologie et richesse des nations*, Economica, Paris.
- Foray, Dominique and Christian Le Bas (1986), 'Diffusion de l'innovation dans l'industrie et fonction de recherche technique: dichotomie ou intégration', *Économie appliquée*, no. 3, 615–50.
- France, Anatole (1890), 'Le café procope' in Charles Cros (ed.), *L'univers Illustré*, pp. 1220–21.
- France, Anatole (1905 [1991]), *Sur la pierre blanche*, in *Œuvres*, Vol. III, Gallimard, 'La Pléiade', Paris, trans. English (1910), *The White Stone*, John Lane, London.
- Freeman, Christopher (1982), *The Economics of Industrial Innovation*, France Pinter, London.
- Freeman, Christopher (1985), 'Long waves of economic development', in Tom Forester (ed.), *The Information Technology Revolution*, Basil Blackwell, Oxford, pp. 602–16.
- Freeman, Christopher (1986), 'Technologies nouvelles, cycles économiques longs et avenir de l'emploi', in Jean-Jacques Salomon and Geneviève Schméder (eds), *Les Enjeux de changement technologique*, Economica, Paris, pp. 91–108.
- Freeman, Christopher (1988), 'A quoi tiennent la réussite ou l'échec des innovations dans l'industrie?', *Culture technique*, **18**, CRCT, Neuilly.
- Freeman, Christopher, John Clark and Luc Soete (1982), *Unemployment and Technical Innovation: A Study of Long Waves and Economic Development*, Frances Pinter, London.
- Freeman, Christopher and Carlota Perez (1988), 'Structural crises of adjustment business cycles and investment behaviour', in Dosi et al. (eds), pp. 38–66.
- Freyssenet, Michel (1990a), *Les Formes sociales d'automatisation*, Cahiers du GIP Mutations Industrielles, Paris.
- Freyssenet, Michel (1990b), *Les Techniques productives sont-elles prescriptives? L'exemple des systèmes experts en entreprise*, Cahiers du GIP Mutations Industrielles, Paris.
- Freyssenet, Michel (1992), 'Processus et formes sociales d'automatisation. Le paradigme sociologique', *Sociologie du travail*, no. 4, 469–96.
- Fridenson, Patrick (1988), 'Genèse de l'innovation: la 2 CV Citroën', *Revue française de gestion*, **70**, September–October, 35–44.
- Friedmann, Georges (1966), *Sept Études sur l'homme et la technique*, Denoël/Gonthier, Paris.

- Fujimura, Joan (1991), 'On methods, ontologies and representation in the sociology of science: where do we stand', in Maines (ed.), pp. 207–48.
- Furet, François and Jacques Ozouf (1977), *Lire et écrire. L'alphabétisation des Français de Calvin à Jules Ferry*, Éditions de Minuit, Paris, Vol. I, trans. English (1982), *Reading and Writing: Literacy in France from Calvin to Jules Ferry*, Cambridge University Press, Cambridge and New York.
- Gallie, D. (1978), *In Search of the New Working Class*, Cambridge University Press, Cambridge.
- Garfinkel, Harold (1952), 'The perception of the other: a study in social order', unpublished PhD thesis (cited in Heritage, 1987).
- Garfinkel, Harold, Michael Lynch and Eric Livingston (1981), 'The work of a discovering science construed with materials from the optically discovered pulsar', *Philosophy of the Social Sciences*, no. 11, 131–58.
- Gaudin, Thierry (1984), *Pouvoir du rêve*, CRCT, Neuilly.
- Gerson, Elihu and Susan Star (1986), 'Analysing due process in the work place', *ACM Transactions of Office Information Systems*, 4 (3), July, 257–70.
- Giard, Luce (1990), *Présentation de la nouvelle édition des 'Arts de faire'*, Gallimard, Paris.
- Giddens, Anthony and Jonathan Turner (eds) (1987), *Social Theory Today*, Stanford University Press, Stanford, CA.
- Giedion, Siegfried (1983), *La Mécanisation au pouvoir*, Vol. I, Centre Pompidou/Centre de création industrielle, Denoël/Gonthier, Paris.
- Gilfillan, S. Colum (1935), *Sociology of Invention*, Follett, Chicago.
- Gille, Bertrand (1978), *Histoire des techniques*, Gallimard, 'La Pléiade', Paris.
- Giraud, Alain (1993), 'L'Arlésienne du droit. Brève histoire du monopole de l'audiovisuel en France', *Réseaux*, 59, CNET, Paris, 53–64.
- Goffman, Erving (1974), *Frame Analysis: An Essay on the Organization of Experience*, Harper Colophon Books, New York.
- Goffman, Erving (1981), *Form of Talk*, University of Pennsylvania Press, Philadelphia, PA.
- Gouletquer, Pierre (1991), 'A propos de l'article Jouke S. Wigboldus, "Salt and crop production in the precolonial Central Sudan"', *Techniques et culture*, 17–18, 1–35.
- Granovetter, Mark (1978), 'Threshold models of collective behavior', *American Journal of Sociology*, 83 (6), 1420–43.
- Gras, Alain (1993), *Grandeur et dépendance. Sociologie des macro-systèmes techniques*, PUF, Paris.
- Griliches, Zvi (1957), 'Hybrid corn: an exploration in the economics of technological change', *Econometrica*, October, 25 (4), 501–22.

- Guterl, Fred (1984), 'Design case history: Apple's Macintosh', *IEE Spectrum*, December, 34–5.
- Hall, Stuart (1981), 'Encoding, decoding in television discourse', in Hall, Dorothy Hobson, Andrew Lowe and Paul Willis (eds), *Culture, Media, Language*, Hutchinson, London, pp. 128–38.
- Haudricourt, André-Georges (1987), *La Technologie science humaine*, Éditions de la maison des sciences de l'homme, Paris.
- Hawkes, Terence (1977), *Structuralism and Semiotics*, University of California Press, Berkeley, CA.
- Hawkins, Richard (1993), *Public Standards and Private Networks: Some Implications of the Mobility Imperatives*, Science and Technology Policy Research Unit (SPRU), University of Sussex, Brighton.
- Heilbroner, Robert L. (1994), 'Do machines make history?' (first published, 1967 *Technology and Culture*), in Roe Smith and Marx (eds), pp. 67–78.
- Hennion, Antoine (1993), *La Passion musicale: une sociologie de la médiation*, Éditions Métailié, Paris.
- Hennion, Antoine (1995), 'Mediation and social history of art', *Réseaux, The French Journal of Communication*, 3 (2), John Libbey, London, 233–62.
- Heritage, John C. (1987), 'Ethnomethodology', in Giddens and Turner (eds), pp. 224–72.
- Herskovits, Melville (1948), *Man and His Works: The Science of Cultural Anthropology*, A.A. Knopf, New York.
- Hert, Philippe (1997), 'The dynamics of online interactions in a scholarly debate', *The Information Society*, 13 (4), 329–60.
- Higonnet, Patrice, David Landes and Henry Rosovsky (eds) (1991), *Favorites of Fortune: Technology Growth and Economic Development since the Industrial Revolution*, Harvard University Press, Cambridge, MA.
- Hiltz, Starr Roxane and Murray Turoff (1978), *The Network Nation: Human Communication via Computer*, Addison-Wesley, Reading, MA.
- Hoddeson, Lilian (1981), 'The emergence of basic research in the Bell telephone system, 1875–1915', *Technology and Culture*, 22 (3), 512–44.
- Hoffsaes, Colette (1978), 'L'informatique dans l'organisation: changement ou stabilité?', *Sociologie du travail*, no. 3, 280–309.
- Hounshell, David A. (1975), 'Elisha Gray and the telephone: on the disadvantages of being an expert', *Technology and Culture*, 16 (2), 133–61.
- Hounshell, David (1984), *From the American System to Mass Production*, Johns Hopkins University Press, Baltimore, MD.
- Hughes, Thomas (1979), 'The electrification of America: the system builders', *Technology and Culture*, 20 (1), 124–61.

- Hughes, Thomas (1983), *Networks of Power: Electrification in Western Society (1880–1930)*, Johns Hopkins University Press, Baltimore, MD.
- Hughes Thomas (1987), 'Visions of electrification and social change', in *Un siècle d'électricité dans le monde*, Association pour l'histoire de l'électricité en France, PUF, Paris, pp. 327–40.
- Hughes, Thomas (1994), 'Technological momentum', in Roe Smith and Marx (eds), pp. 101–13.
- Innis, Harold (1951), *The Bias of Communication*, University of Toronto Press, Toronto.
- Isambert, François-André (1985), 'Un "programme fort" en sociologie de la science?', *Revue française de sociologie*, **26** (3), 485–508.
- Jennings, Tom (1998), 'Artist statement', available at [www.wps.com/about-WPS/WPS/artist-statement.html](http://www.wps.com/about-WPS/WPS/artist-statement.html), accessed 31 May, 2007.
- Jouët, Josiane (1990), 'L'informatique "sans le savoir"', *Culture technique*, **21**, July, 216–22.
- Jouët, Josiane (1991), 'A telematic community: the axiens', in Jouët et al. (eds) pp. 181–202.
- Jouët Josiane (1994), 'Communication and mediation', *Réseaux. The French Journal of Communication*, **2** (1), John Libbey, London, 73–90.
- Jouët, Josiane (2000), 'Retour critique sur la sociologie des usages', *Réseaux*, **100**, 487–522.
- Jouët, Josiane, Patrice Flichy and Paul Beaud (eds) (1991), *European Telematics: The Emerging Economy of Words*, North-Holland, Amsterdam.
- Jouët, Josiane and Dominique Pasquier (1999), 'Youth and screen culture: national survey of 6–17 year olds', *Réseaux, The French Journal of Communication*, **7** (1), University of Lutton Press, Lutton, 29–58.
- Katz, Elihu (1971), 'The social itinerary of technical change: two studies of the diffusion of innovation', in Schramm and Roberts (eds), pp. 760–97.
- Katz, Elihu, Hadasah Haas and Michael Gurevitch (1973), 'On the use of the mass media for important things', *American Sociological Review*, **38** (2), 164–81.
- Kline, Ronald (2003), 'Resisting consumer technology in rural America: the telephone and electrification', in Oudshoorn and Pinch (eds), pp. 51–66.
- Kline, Ronald and Trevor Pinch (1996), 'Users as agents of technological change: the social construction of the automobile in the rural United States', *Technology and Culture*, **37** (4), 763–95.
- Kling, Rob (1996), *Computerization and Controversy: Value Conflicts and Social Choices*, Academic Press, San Diego.

- Knight, Kenneth (1967), 'A descriptive model of the intra-firm innovation process', *Journal of Business*, October, **40** (4), 478–96.
- Knorr-Cetina, Karin, Roger Krohn and Richard Whitley (eds) (1980), *The Social Process of Scientific Investigation: Sociology of the Sciences Yearbook*, Vol. 4, D. Reidel Dordrecht.
- Knorr-Cetina, Karin and Aaron V. Cicourel (eds) (1981), *Advances in Social Theory and Methodology: Toward an Integration of Micro and Macro-Sociologies*, Routledge & Kegan Paul, Boston, MA.
- Knorr-Cetina Karin, Michael Mulkay (eds) (1983), *Science Observed: Perspectives in the Social Studies of Science*, Sage, London.
- Kuhn, Thomas (1962), *The Structure of Scientific Revolutions*, University of Chicago Press, Chicago.
- Lacaze, Dominique (1979), 'Lectures croisées de Jules Verne et de Robida', in Raymond and Vierre (eds), pp. 76–90.
- Landes, David (1991), 'On technology and growth', in Higonnet et al. (eds), pp. 1–29.
- Latour, Bruno (1985), 'Les vues de l'esprit. Visualisation et connaissance scientifique', *Culture technique*, **14**, 5–29.
- Latour, Bruno (1987), *Science in Action*, Harvard University Press, Cambridge, MA.
- Latour, Bruno (1989a), 'Joliot: l'histoire et la physique mêlées', in Serres (ed.), pp. 493–513.
- Latour, Bruno (1989b), 'Pasteur et Pouchet: hétérogénéité de l'histoire des sciences', in Serres (ed.), pp. 423–45.
- Latour, Bruno (1992a), 'Il faut qu'une porte soit ouverte ou fermée ... Petite philosophie des techniques', in Prades (ed.), pp. 27–40.
- Latour, Bruno (1992b), *Aramis ou l'amour des techniques*, La Découverte, Paris, trans. English (1996), *Aramis, or, The Love of Technology*, Harvard University Press, Cambridge, MA.
- Latour, Bruno (1996), *Petites leçons de sociologie des sciences*, La Découverte, Paris.
- Latour, Bruno (2005) *Reassembling the Social: An Introduction to Actor-Network-Theory*, Oxford University Press, Oxford.
- Latour, Bruno, Philippe Manguin and Geneviève Teil (1992), 'A note on socio-technical graphs', *Social Studies of Science*, **22**, 33–57.
- Latour, Bruno and Steve Woolgar (1979), *Laboratory Life: The Construction of Scientific Facts*, Princeton University Press, Princeton, NJ.
- Laughlin, C.D. (1983), 'Les artefacts de la connaissance. Une perspective biogénétique structurale du symbole et de la technologie', *Anthropologie et Sociétés*, **13** (2), 9–29.
- Law, John (ed.) (1986), *Power, Action and Belief: A New Sociology of Knowledge?* Routledge, London.

- Law, John (ed.) (1991), *A Sociology of Monsters*, Routledge, London.
- Lazarsfeld, Paul, Bernard Berelson and Hazel Gaudet (1944), *The People's Choice*, Columbia University Press, New York.
- Le Bas, Christian (1982), *Économie des innovations techniques*, Économica, Paris.
- Lefebvre des Noëttes, Richard (1931), *L'Attelage et le Cheval de selle à travers les âges*, Picard, Paris.
- Leroi-Gourhan, André (1936), *La Civilisation du renne*, Gallimard, Paris.
- Leroi-Gourhan, André (1950a) *Évolution et technique*, I, *L'Homme et la matière*, Albin Michel, Paris (1st edn 1943).
- Leroi-Gourhan, André (1950b), *Évolution et technique*, II, *Milieu et techniques*, Albin Michel, Paris.
- Leroi-Gourhan, André (1964), *Le Geste et la parole*, I, *Technique et langage*, Albin Michel, Paris.
- Leroi-Gourhan, André (1965), *Le Geste et la parole*, II, *La Mémoire et les rythmes*, Albin Michel, Paris, trans. English (1993), *Gesture and Speech*, MIT Press, Cambridge, MA.
- Leroi-Gourhan, André (1968), 'L'expérience ethnologique', in Poirier (éd.), pp. 1816–25.
- Lévy, Pierre (1987), *La Machine univers*, La Découverte, Paris.
- Levy, Steven (1985), *Hackers: Heroes of the Computer Revolution*, Dell Book, New York.
- Licklider, Joseph and Robert Taylor (1968), 'The computer as a communication device', *Science and Technology*, April pp.21–31, re-published (1990) in *In Memoriam: J.C.R. Licklider 1915–1990*, Digital Systems Research Center, Palo Alto, CA, pp.21–41.
- Lievrouw, Leah (2006), 'New media design and development: diffusion of innovations v social shaping of technology', in Lievrouw and Sonia Livingstone (eds), *The Handbook of New Media*, Sage, London, pp.246–65.
- Linhart, Danièle (1991), *Le Torticolis de l'autruche. L'éternelle modernisation des entreprises françaises*, Le Seuil, Paris.
- Livet, Pierre and Laurent Thévenot (1991), *L'Action collective*, colloque 'L'Économie des conventions', March, Paris, 22–9.
- Livingstone, Sonia (2003), 'The changing nature of audiences: from the mass audience to the interactive media user', LSE Research Online, London <http://eprints.lse.ac.uk/archive/00000417>, accessed 31 May 2007.
- Lorenz, Konrad (1976), *L'Envers du miroir*, Flammarion, Paris, trans. English (1977), *Behind the Mirror: A Search for a Natural History of Human Knowledge*, Methuen, London.

- Lynch, Michael (1993), *Scientific Practice and Ordinary Action: Ethnomethodology and Social Studies of Science*, Cambridge University Press, Cambridge and New York.
- Lynch, Michael, Eric Livingston and Harold Garfinkel (1983), 'Temporal order in laboratory work', in Knorr-Cetina and Mulkay (eds), pp.205–38.
- Mackay, Hugh, Chris Carne, Paul Beynon-Davies and Doug Tudhope (2000), 'Reconfiguring the User: Using rapid application development', *Social Studies of Science*, **30** (5), 737–57.
- MacKenzie, Donald and Judy Wajcman (eds) (1985), *The Social Shaping of Technology*, Open University Press, Milton Keynes.
- Maines, David (ed.) (1991), *Social Organization and Social Process: Essays in Honor of Anselm Strauss*, Aldine de Gruyter, New York.
- Malerba, Franco (1985), 'Demand structure and technology change: the case of the European semi-conductor industry', *Research Policy*, **14**, 283–97.
- Mallet, Serge (1969), *La Nouvelle Classe ouvrière* (1st edn 1963), Le Seuil, Paris, trans. English (1975), *The New Working Class*, Bertrand Russell Peace Foundation for Spokesman Books, Nottingham.
- Mangematin, Vincent (1993), 'Compétition technologique: les coulisses de la mise sur le marché', *Annales des mines*, June 4–16.
- Mansfield, Edwin (1961), 'The technical change and the rate of imitation', *Econometrica*, October, **29** (4), 741–66.
- Marshall, Alfred (1919), *Industry and Trade*, Macmillan, London.
- Marti, Bernard (1994), 'La normalisation du vidéotex', in Feneyrol and Guérard (eds), *Innovation et Recherche Télécommunications*, Eyrolles, Paris, pp.211–47.
- Martin, Michèle (1991), *Hello, Central? Gender, Technology, and Culture in the Formation of Telephone Systems*, McGill-Queen's University Press, Montreal.
- Marvin, Carolyn (1987), 'Dazzling the multitude: imagining the electric light as a communications medium', in Corn (ed.), pp.202–17.
- Marvin, Carolyn (1988), *When Old Technologies were New: Thinking about Electric Communication in the Late Nineteenth Century*, Oxford University Press, Oxford and New York.
- Marx, Karl (1955), *The Poverty of Philosophy*, Progress Publishers, Moscow.
- Marx, Leo (1964), *The Machine in the Garden Technology and the Pastoral Idea in America*, Oxford University Press, Oxford and New York.
- Maunoury, Jean-Louis (1968), *La Genèse des innovations*, PUF, Paris.
- Maunoury, Jean-Louis (1972), *Économie du Savoir*, Armand Colin, Paris.

- Mauss, Marcel (1967), *Manuel d'ethnographie*, 'Petite bibliothèque Payot', Paris, pp. 30–32.
- Mauss, Marcel (1985 [1950]), *Sociologie et Anthropologie*, PUF, Paris.
- McCloskey, D. (ed.) (1971), *Essays on a Mature Economy: Britain after 1840*, Methuen, London.
- McCloskey, D.M. (1976), 'Does the past have useful economics?', *Journal of Economic Literature*, June, 434–51.
- McGuire, J.E. and T. Melia (1989), 'Some cautionary structures on the writing of the rhetoric of science', *Rhetorica*, 7, 87–99.
- McLuhan, Marshall (1964), *Understanding Media: The Extensions of Man*, Routledge & Kegan Paul, London.
- McLuhan, Marshall (1967), *The Gutenberg Galaxy: The Making of Typographic Man*, Routledge & Kegan Paul, London.
- Mead, George H. (1932), 'The physical thing', in George Mead, *The Philosophy of the Present*, Open Court Publishing Chicago.
- Méadel, Cécile (1990), 'De la formation des comportements et des goûts. Une histoire des sondages à la télévision, dans les années cinquante', *Réseaux*, 39, CNET, Paris, 37–55.
- Mendelbaum, Maurice (1977), *The Anatomy of Historical Knowledge*, Johns Hopkins University Press, Baltimore, MD (cited in Ricoeur, 1991, p. 349).
- Mensch, Gerhard (1979), *Stalemate in Technology: Innovations Overcome the Depression*, Ballinger, New York.
- Mensch, Gerhard (1988), 'La technique en crise', *Culture technique*, 18, CRCT, Neuilly.
- Midler, Christophe (1993), *L'auto qui n'existait pas. Management des projets et transformation de l'entreprise*, InterÉditions, Paris.
- Misa, Thomas J. (1994), 'Retrieving sociotechnical change from technological determinism', in Roe Smith and Marx (eds), pp. 115–41.
- Monjardet, Dominique (1980), 'Organisation, technologie, et marché de l'entreprise industrielle', *Sociologie du travail*, no. 1, 76–96.
- Morley, David (1993), 'Active audience theory: pendulum and pitfalls', *Journal of Communication*, 43 (4), 13–19.
- Mowery, David and Nathan Rosenberg (1979), 'The influence of market demand upon innovation: a critical review of some recent empirical studies', *Research Policy*, 8, 102–53.
- Mueller, Milton (1997), *Universal Service: Competition, Interconnection, and Monopoly in the Making of the American Telephone System*, MIT Press, Cambridge, MA.
- Mumford, Lewis (1934), *Technics and Civilization*, Harcourt, Brace, New York.



- Mumford, Lewis (1967), *The Myth of the Machine*, Harcourt, Brace, New York.
- Naville, Pierre (1960), 'Vers l'automatisme social', *Revue française de sociologie*, February **24** (3), 275–85.
- Nelson, Richard (1964), 'Aggregate production functions and medium range growth projections', *American Economic Review*, September, **54** (5), 575–606.
- Nelson, Richard and Sidney Winter (1982), *An Evolutionary Theory of Economic Change*, Harvard University Press, Cambridge, MA.
- Noble, David (1984), *Forces of Production: A Social History of Industrial Automation*, Alfred Knopf, New York.
- Noble, David (1985), 'Social choice in machine design: the case of automatically controlled machine tools', in MacKenzie and Wajcman (eds), pp. 109–24.
- Nouveau vocabulaire de la langue française (1837), *Nouveau vocabulaire de la langue française*, Lebigre frères, Paris.
- Odasz, Frank (1995), 'Issues in the development of community cooperative networks', in Brian Kahn and James Keller (eds), *Public Access to the Internet*, MIT Press, Cambridge, MA.
- Ogburn, William and Dorothy Thomas (1922), 'Are inventions inevitable? A note on social evolution', *Political Science Quarterly*, **37** (1), 83–98.
- Orlikowski, Wanda (1992), 'The duality of technology: rethinking the concept of technology in organizations', *Organization Science*, **3** (3), 398–427.
- Orlikowski, Wanda (2000), 'Using technology and constituting structures: a practice lens for studying technology in organizations', *Organization Science*, **11** (4), 404–28.
- Orlikowski, Wanda and Debra Gash (1994), 'Technological frames: making sense of information technology in organizations', *ACM Transactions on Information Systems*, **12** (2), 174–207.
- Orlikowski, Wanda, JoAnne Yates, Kazuo Okamura and Masayo Fujimoto (1995), 'Shaping electronic communication: the metastructuring of technology in the context of use' *Organization Science*, **6** (4), 423–44.
- Ortsmann, Oscar (1978), *Changer le travail, les expériences, les méthodes, les conditions de l'expérimentation sociale*, Dunod, Paris.
- Oudshoorn, Nelly and Trevor Pinch (eds) (2003), *How Users Matter: The Co-Construction of Users and Technologies*, MIT Press, Cambridge, MA.
- Pacey, Arnold (1983), *The Culture of Technology*, MIT Press, Cambridge, MA.
- Parker, W.N. (ed.) (1986), *Economic History and the Modern Economist*, Basil Blackwell, Oxford.

- Perriault, Jacques (1989), *La Logique de l'usage. Essai sur les machines à communiquer*, Flammarion, Paris.
- Perrin, Jacques (1991), 'Méthodologie d'analyse des systèmes techniques', in Boyer (ed.), pp. 151–71.
- Perrot, Michelle (1979), 'Les problèmes de main-d'œuvre industrielle', in Daumas (ed.), pp. 477–509.
- Pestre, Dominique (ed.) (1992), *L' Etude sociale des sciences. Bilan des années 1970 et 1980 et conséquences pour le travail historique*, CHRST, Cité des Sciences et de L'industrie, Paris.
- Pharo, Patrick and Louis Quéré (eds) (1990), 'Les formes de l'action', *Raisons pratiques*, 1.
- Pickering, Andrew (ed.) (1991), *Science as Practice and Culture*, University of Chicago Press, Chicago.
- Pinch, Trevor (2001), 'Why you go to a piano store to buy a synthesizer: path dependence and the social construction of technology', in Raghu Garud and Peter Karnøe (eds), *Path Dependence and Creation*, Lawrence Erlbaum Associates, Mahwah, NJ pp. 381–99
- Pinch, Trevor and Wiebe Bijker (1987), 'The social construction of facts and artefacts: or how the sociology of science and the sociology of technology might benefit each other', in Bijker et al. (eds), pp. 17–50.
- Pogorel, G. (ed.) (1994), *Global Telecommunication Strategies and Technological Change*, Elsevier, Amsterdam.
- Poirier, Jean (ed.) (1968), *Ethnologie générale*, Gallimard, 'La Pléiade', Paris.
- Prades, Jacques (ed.) (1992), *La Technoscience. Les fractures du discours*, L'Harmattan, Paris.
- Preece, William (1898), *Review of Reviews*, December, p. 715, cited by Susan Douglas, 'Amateur operators and American broadcasting: shaping the future of radio', in Corn (ed.) (1987), p. 35.
- Proulx, Serge (ed.) (1988), *Vivre avec l'ordinateur, les usagers de la micro-informatique*, G. Vermette, Quebec.
- Quéré, Louis (1989), 'Les Boîtes noires de Bruno Latour ou le lien social dans la machine', *Réseaux*, 36, June, 95–117.
- Quéré, Louis (1992), 'Espace public et communication, remarques sur l'hybridation des machines et des valeurs', in Pierre Chambat (ed.), *Communication et lien social*, Descartes, Paris, pp. 29–49.
- Rallet, Alain (1993), 'La théorie des conventions chez les économistes', *Réseaux*, 62, 43–61.
- Raymond, François and Simone Vierne (eds) (1979), *Jules Verne et les sciences humaines*, 10/18, UGE, Paris.
- Real, Bernard (1990), *La Puce et le chômage. Essai sur la relation entre le progrès technique, la croissance et l'emploi*, Le Seuil, Paris.

- Reynolds, Barrie (1983), 'The relevance of material culture to anthropology', *Journal of the Anthropological Society of Oxford*, **14** (1), 17–43.
- Rheingold, Howard (1994), *The Virtual Community: Homesteading on the Electronic Frontier*, Harper Collins, New York.
- Rice, Ronald and Everett Rogers (1980), 'Reinvention in the innovation process', *Science Communication*, **1** (4), 499–514.
- Ricoeur, Paul (1977), *La Sémantique de l'action*, in Tiffeneau (ed.), pp. 21–63.
- Ricoeur, Paul (1991), *Temps et récit, I., L'Intrigue et le récit historique*, Seuil, coll. 'Points', Paris, trans. English (1988), *Time and Narrative*, University of Chicago Press, Chicago.
- Rip, Arie, Thomas Misa and Johan Schot (eds) (1995), *Managing Technology in Society*, Pinter, London.
- Robbins, Lionel (1932), *An Essay on the Nature and Significance of Economic Science*, Macmillan, London.
- Robinson, Mike (1993), 'Design for unanticipated use ...', in de Michelis et al. (eds), pp. 187–202.
- Roe Smith, Merritt and Leo Marx (eds) (1994), *Does Technology Drive History? The Dilemma of Technological Determinism*, MIT Press, Cambridge, MA.
- Rogers, Everett (1983), *Diffusion of Innovations* (3rd edn), Free Press, New York.
- Rogers, Everett (1986), *Communication Technology: The New Media in Society*, Free Press, New York.
- Rogers, Everett and Judith Larsen (1984), *Silicon Valley Fever: Growth of High Technology Culture*, Basic Books, New York.
- Rosenberg, Nathan (ed.) (1982a), *Inside the Black Box: Technology and Economics*, Cambridge University Press, Cambridge.
- Rosenberg, Nathan (1982b), 'How exogenous is science?', in Rosenberg (ed.), pp. 141–59.
- Rosenberg, Nathan (1982c), 'Learning by using', in Rosenberg (ed.), pp. 120–40.
- Rosenberg, Nathan (1982d), 'Marx as a student of technology', in Rosenberg (ed.), pp. 34–53.
- Ryan, Bryce and Neal Gross (1943), 'The diffusion of hybrid seed corn in two Iowa Communities', *Rural Sociology*, **8**, 15–24.
- Sadoul, Jacques (1984), *Histoire de la science-fiction moderne (1911–1984)*, Robert Laffont, Paris.
- Sahal, Devendra (1985), 'Technology guide-posts and innovation avenues', *Research Policy*, **14** (2), 61–82.
- Schmookler, Jacob (1966), *Invention and Economic Growth*, Harvard University Press, Cambridge, MA.

- Schramm, Wilbur and Donald Roberts (eds) (1971), *The Process and Effects of Mass Communication* (first published 1954), University of Illinois Press, Urbana.
- Schumpeter, Joseph (1939), *Business Cycles*, McGraw Hill, New York.
- Schütz Alfred (1962), 'Common sense and scientific interpretations of human action', in Alfred Schütz *Collected Papers*, Vol. 1, Martinus Nijhoff, The Hague, (cited in Heritage, 1987, pp. 3–47).
- Segal, Howard (1985), *Technological Utopianism in American Culture*, University of Chicago Press, Chicago.
- Segrestin, Denis (2004), *Les Chantiers du manager*, Armand Colin, Paris.
- Serres, Michel (1980), *Hermès V. Le Passage du Nord-Ouest*, Éditions de Minuit, Paris.
- Serres, Michel (ed.) (1989), *Éléments d'histoire des sciences*, Bordas, Paris, trans. English (1995), *A History of Scientific Thought: Elements of a History of Science*, Blackwell, Oxford.
- Shapin, Steve and Simon Schaffer (1985), *Leviathan and the Air-pump: Hobbes, Boyle, and the Experimental Life*, Princeton University Press, Princeton, NJ.
- Shapiro, Carl and Hal Varian (1999), *Information Rules: A Strategic Guide to the Network Economy* Harvard Business School Press, Boston, MA.
- Shibutani Tamotsu (1955), 'Reference groups as perspectives', *American Journal of Sociology*, **60** (6), 562–9.
- Silverstone, Roger and Eric Hirsch (eds) (1994), *Consuming Technologies: Media and Information in Domestic Spaces*, Routledge, London.
- Simondon, Gilbert (1989), *Du mode d'existence des objets techniques*, Aubier, Paris.
- Singer, Charles, E.J. Holmgard and A.R. Hall (1954–84), *A History of Technology*, 5 vols, Clarendon, Oxford.
- Solow, Robert (1957), 'Technical change and the aggregate production function', *Review of Economics and Statistics*, August, **39**, 312–20.
- Star, Susan Leigh and James Griesemer (1989), 'Institutional ecology, translations and boundary objects: amateurs and professionals in Berkeley's Museum of Vertebrate Zoology (1907–1939)', *Social Studies of Sciences*, **19**, Sage, London, pp. 387–420.
- Strauss, Anselm (1969), *Mirrors and Masks: The Search for Identity*, San Francisco Sociology Press.
- Strauss, Anselm (1978), 'A social worlds perspective', in Denzin (ed.), pp. 119–28.
- Suchman, Lucy (1987), *Plans and Situated Actions: The Problem of Human-machine Communication*, Cambridge University Press, Cambridge and New York.

- Suchman, Lucy (1990), 'Plans d'action. Problèmes de représentation de la pratique en sciences cognitives', in Pharo and Quéré (eds), pp. 149–70.
- Thévenot, Laurent (1993), 'A quoi convient la théorie des conventions?', *Réseaux*, **62**, CNET, Paris, 137–42.
- Thuillier, Pierre (1987), 'La science existe-t-elle? Le cas Pasteur', *La Recherche*, April, **187**, 506–11.
- Tiffeneau, Dorian (ed.) (1977), *La Sémantique de l'action*, CNRS, Paris.
- Tunstall, Jeremy (ed.) (1970), *Media Sociology: A Reader*, Constable, London.
- Turkle, Sherry (1982), 'The subjective computer: a study in the psychology of personal computation', *Social Studies of Science*, **12** (2), 173–205.
- Usher, Abbott P. (1954), *A History of Mechanical Inventions* (1st edn, 1929), Harvard University Press, Cambridge, MA.
- Utterback, James (1974), 'Innovation in industry and the diffusion of technology', *Science*, February, **183**, 595–674.
- Valente, Thomas W. (1995), *Network Models of the Diffusion of Innovations*, Hampton Press Cresskill, NJ.
- Van Lente, Harro and Arie Rip (1998), 'The rise of membrane technology: from rhetorics to social reality', *Social Studies of Science*, **28** (2), 221–54.
- Velkovska, Julia (2002), 'The anonymous intimacy of electronic conversations in *Webchats*', *Sociologie du travail*, **44** (2), 193–213.
- Vercruyssen, Jean-Pierre and Pascal Verhoest (1994), 'The role of the state in the Belgian telecommunications sector in the 19th century', *Réseaux, The French Journal of Communications*, **2** (1), John Libbey, London, 91–112.
- Verne, Jules (1888 [1994]), *Le Château des Carpathes*, Hachette, 'Livre de Poche', Paris, trans. English (1890), *The Castle of the Carpathians*, S. Low Marston, London.
- Veyne, Paul (1971), *Comment on écrit l'histoire*, Le Seuil, Paris, trans. English (1984), *Writing History: Essay on Epistemology*, Wesleyan University Press, Middletown, CT.
- Von Hayek, Friedrich (1953), *Scientisme et sciences sociales*, Plon, Paris.
- Von Hippel, Eric (1988), *The Sources of Innovation*, Oxford University Press, Oxford and New York.
- Von Hippel, Eric (2002), 'Horizontal innovation networks: by and for users', Working Paper 4366–02, MIT Sloan School of Management, Cambridge, MA.
- Von Hippel, Eric (2005), *Democratizing Innovation*, MIT Press, Cambridge, MA.

- Walras, Léon (1877), *Eléments d'économie politique pure (ou théorie de la richesse nationale)*, Paris (cited in Le Bas, 1982 p.25), trans. English (1984), *Elements of Pure Economics*, Orion Editions, Philadelphia, PA.
- Weber, Max (1965), 'Études critiques de logique des sciences', in *Essais sur la théorie de sciences*, Plon, Paris, 215–324.
- White, Lynn (1962), *Medieval Technology and Social Change*, Clarendon Press, Oxford.
- Williams, Raymond (1974), *Television, Technology and Cultural Form*, Fontana/Collins, London.
- Williams, Robin and David Edge (1996), 'The social shaping of technology', *Research Policy*, **25** (6), 865–99.
- Williams, Rosalind (1990), *Notes on the Underground: An Essay on Technology, Society and Imagination*, MIT Press, Cambridge, MA.
- Winner, Langdon (1993), 'Upon opening the black box and finding it empty: social constructivism and the philosophy of technology', *Science Technology and Human Values*, **18** (3), Summer, 362–78.
- Woolgar, Steve (1991), 'Configuring the user: the case of usability trials', in Law (ed.), pp. 57–99.
- Wyatt, Sally (2003), 'Non-users also matter: the construction of users and non-users of the Internet', in Oudshoorn and Pinch (eds), pp. 67–79.
- Yates, JoAnne (1989), *Control through Communication: The Rise of System in American Management*, Johns Hopkins University Press, Baltimore, MD.
- Yates, JoAnne (1993), 'Co-evolution of information-processing technology and use: interaction between the life insurance and tabulating industries', *Business History Review*, **67** (1), 1–51.
- Yates, JoAnne (1994), 'Evolving information use in firms, 1850–1920: ideology and information techniques and technologies', in Bud Frierman (ed.), 26–50.
- Young, Jeffrey (1988), *Steve Jobs: The journey Is the Reward*, Scott, Foresman, Glenview, IL.
- Zitt, Michel (1987), 'Filiations techniques et genèse de l'innovation', *Techniques et culture*, **10**, Editions de la Maison des sciences de l'homme, Paris, 13–43.
- Zola, Émile (1901), *Le travail*, E. Fasquelle, Paris, trans. English (1901), *Labor*, Harper & Brothers, London.