

Technology and American Culture: From the ›Machine in the Garden‹ to the Digital Age

Freitag, 14-16 Uhr, John F. Kennedy-Institut, Raum 201, SoSe 2003

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FILMOGRAPHY

- THE BRIDE OF FRANKENSTEIN. Directed by James Whale; screenplay by John Lloyd Balderston and William Hurlbut. Cast: Boris Karloff, Elsa Lanchester, Ernest Thesiger, Una O'Connor, Valerie Hobson. 1935.
- THE CUBE. Directed by Vincenzo Natali; screenplay by Graeme Manson, Vincenzo Natali, and Andre Bijelic. Cast: Maurice Dean Wint, Nikki DeBoer, David Hewlett, Wayne Robson, Andrew Miller, Nicky Guadagni. 1998.
- MATRIX. Directed by Andy & Larry Wachowski; screenplay by Andy & Larry Wachowski. Cast: Keanu Reeves, Carrie-Ann Moss, Laurence Fishburne, Joe Pantoliano, Marcus Chong, Paul Goddard. 1999.
- MODERN TIMES. Directed by Charlie Chaplin; screenplay by Charlie Chaplin. Cast: Charlie Chaplin, Paulette Goddard, Henry Bergman, Stanley Sandford, Gloria De Haven, Chester Conklin. 1936.
- THE TERMINATOR. Directed by James Cameron; screenplay by James Cameron. Cast: Arnold Schwarzenegger, Michael Biehn, Linda Hamilton, Paul Winfield, Lance Henriksen. 1984.

BIBLIOGRAPHY

A

- Aaron, Michele, ed. *The Body's Perilous Pleasures: Dangerous Desires and Contemporary Culture*. Edinburgh: Edinburgh Univ. Press, 1999.
- Abrams, Murray H. *A Glossary of Literary Terms*. Seventh Edition. Fort Worth, Philadelphia, et al: Harcourt Brace College Publ., 1999.
- . *The Mirror and the Lamp: Romantic Theory and the Critical Tradition*. New York, 1953.
- Adler, Kathleen, and Marcia Pointon, eds. *The Body Imaged*. Cambridge: Cambridge Univ. Press, 1993.
- Adorno, Theodor W., und Max Horkheimer. "Kulturindustrie. Aufklärung als Massenbetrug." *Dialektik der Aufklärung: Philosophische Fragmente*. 1944. Frankfurt a.M.: Fischer Taschenbuch, 1988. 128-176.
- Aleksander, Igor, and Piers Burnett. *Reinventing Man: The Robot Becomes Reality*. London: Kagan Page, 1983.
- Allen, Richard. *Projecting Illusion: Film Spectatorship and the Impression of Reality*. 1995. Cambridge: Cambridge Univ. Press, 1997.
- Altman, Rick "General Introduction: Cinema as Event." *Sound Theory. Sound Practice*. Ed. Rick Altman. New York and London: Routledge, 1992. 1-31.
- Andrew, Dudley. *Concepts in Film Theory*. Oxford and New York: Oxford Univ. Press, 1984.
- Angerer, Marie-Luise. *Body Options: Körper. Spuren. Medien. Bilder*. Wien: Turia & Kant, 2000.
- Anzieu, Didier. *The Skin Ego*. [*Le moi-peau*, 1985, trans. Chris Turner]. New Haven: Yale Univ. Press, 1989.
- Ariew, Roger. "Mind-Body Interactionism in Cartesian Philosophy: A Reply to Garber." *Southern Journal of Philosophy* 21 (1983): 33-37.
- Armstrong, Tim, ed. *American Bodies: Cultural Histories of the Physique*. Washington Square, New York: New York Univ. Press, 1996.
- Asimov, Isaac. *I, Robot*. New York: Gnome Press, 1950.
- . *Robot Dreams*. New York: Ace, 1986.
- "Automation." *Time* 19 Mar. 1956: 98-106.
- "Automation — Blessing or Curse?" *Life* (international edition) 7 Mar. 1955: 26-27.

B

- Ballard, J. G. "Project for a Glossary of the 20th Century." *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992. 268-279.
- Balsamo, Anne. "Forms of Technological Embodiment: Reading the Body in Contemporary Culture." *Cyberspace/ Cyberbodies/ Cyberpunk: Cultures of Technological Embodiment*. Ed. Mike Featherstone and Roger Burrows. London, Thousand Oaks, et al: Sage Publications, 1995. 215-37.
- . *Technologies of the Gendered Body: Reading Cyborg Women*. Durham: Duke Univ. Press, 1996.
- Bamps, Yvan, and Ralph Heyndels. "MODERN TIMES in the Light of Adorno and Beckett." *Charlie Chaplin: His Reflection in Modern Times*. Ed. Adolphe Nysenholc. Berlin and New York: Mouton de Gruyter, 1991. 119-124.
- Barker, Francis. *The Tremulous Private Body: Essays on Subjection*. London: Methuen, 1984.
- Barnard, Christiaan. *The Body Machine*. New York: Crown, 1981.

- Barnouw, Erik. *Tube of Plenty: The Evolution of American Television*. 1975. New York and Oxford: Oxford Univ. Press, 1990.
- Barthes, Roland. *Mythologies*. [Mythologies, 1957, trans. Annette Lavers and Jonathan Cape]. London: Vintage, 1993.
- Baudrillard, Jean. *The Consumer Society: Myths & Structures*. [La société de consommation, 1970]. London, Thousand Oaks, New Delhi: Sage Publications, 1999.
- . *The Ecstasy of Communication*. 1987. New York: Semiotext(e), 1988.
- . *The Mirror of Production*. [Le miroir de la production ; ou, l'illusion critique du matérialisme historique, 1973, trans. Mark Poster]. St. Louis: Telos Press, 1975.
- . "Symbolic Exchange and Death." *Selected Writings*. Edited, with an introduction by Mark Poster. Stanford, Calif.: Stanford Univ. Press, 1988. 119-148.
- Belton, John. *American Cinema. American Culture*. New York: McGraw-Hill, 1994.
- . "1950s Magnetic Sound: The Frozen Revolution." *Sound Theory. Sound Practice*. Ed. Rick Altman. New York and London: Routledge, 1992. 154-167.
- . "Technology and Innovation." *The Oxford History of World Cinema*. Ed. Geoffrey Nowell-Smith. Oxford, New York et al: Oxford Univ. Press, 1996. 259-267.
- . *Widescreen Cinema*. Cambridge, Mass.: Harvard Univ. Press, 1992.
- Benjamin, Walter. "Das Kunstwerk im Zeitalter seiner technischen Reproduzierbarkeit." 1936. *Illuminationen: Ausgewählte Schriften*. 1955. Frankfurt a.M.: Suhrkamp Verlag, 1969. 148-184.
- Best, Steven. "The Commodification of Reality and the Reality of Commodification: Baudrillard, Debord, and Postmodern Theory." *Baudrillard: A Critical Reader*. Ed. Douglas Kellner. Oxford, England, and Cambridge, Mass.: Blackwell, 1994. 41-67.
- Bigelow, Jacob. *Elements of Technology, Taken Chiefly from a Course of Lectures ... on the Application of the Sciences to the Useful Arts*. Boston, 1829.
- Birdwhistell, Ray. *Kinesics and Context: Essays on Body Motion Communication*. Philadelphia: Univ. of Pennsylvania Press, 1970.
- Bolter, J. David. *Turing's Man: Western Culture in the Computer Age*. Chapel Hill: Univ. of North Carolina Press, 1984.
- Bourdieu, Pierre. *Distinction: A Social Critique of the Judgment of Taste*. [La distinction: Critique sociale du jugement, 1979, trans. Richard Nice]. London and New York: Routledge, 1984.
- . *The Logic of Practice*. [Le sens pratique, 1980, trans. Richard Nice]. Stanford: Stanford Univ. Press, 1990.
- Bradbury, Ray. *Fahrenheit 451*. 1953. Hammersmith, London: HarperCollins, 1996.
- Braidotti, Rosi. "The Politics of Ontological Difference." *Between Feminism and Psychoanalysis*. Ed. Teresa Brennan. London: New York: Routledge, 1989. 89-105.
- . "Signs of Wonder and Traces of Doubt: On Teratology and Embodied Difference." *Between Monsters, Goddesses and Cyborgs: Feminist Confrontations with Science, Medicine and Cyberspace*. Ed. Nina Lykke & Rosi Braidotti. London and New Jersey: Zed Books, 1996. 135-152.
- Brandt, Stefan L. *Männerblicke: Zur Konstruktion von 'Männlichkeit' in der Literatur und Kultur der amerikanischen Jahrhundertwende*. Stuttgart: Metzler, 1997.
- Broughton, Janet, and Ruth Mattern. "Reinterpreting Descartes on the Notion of the Union of Mind and Body." *Journal of the History of Philosophy* 16 (1978): 23-32.
- Brown, Bill. "Science Fiction, the World's Fair, and the Prosthetics of Empire, 1910-1915." Kaplan, Amy, and Donald E. Pease, eds. *Cultures of United States Imperialism*. Durham and London: Duke UP, 1993.
- Bukatman, Scott. "Who Programs You? The Science Fiction of the Spectacle." *Alien Zone: Cultural Theory and Contemporary Science Fiction Cinema*. Ed. Annette Kuhn. London and New York: Verso, 1990. 196-213.
- . *Terminal Identity: The Virtual Subject in Post-Modern Science Fiction*. Durham: Duke Univ. Press, 1993.
- Butler, Judith. *Bodies that Matter: On the Discursive Limits of 'Sex.'* New York and London: Routledge, 1993.

C

- Canguilhem, Georges. "Machine and Organism." Trans. from the French by Mark Cohen and Randall Cherry. *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992. 44-69.
- Cartwright, Lisa. *Screening the Body: Tracing Medicine's Visual Culture*. Minneapolis, London: Univ. of Minnesota Press, 1995.
- Carroll, Michael Thomas. *Popular Modernity in America: Experience, Technology, Mythohistory*. Albany: State Univ. of New York Press, 2000.
- Chaplin, Joyce E. *Subject Matter: Technology, the Body, and Science on the Anglo-American Frontier, 1500-1676*. Cambridge, Mass.: Harvard Univ. Press, 2001.
- Chinn, Sarah E. *Technology and the Logic of American Racism: A Cultural History of the Body as Evidence*. London & New York: Continuum, 2000.
- Clark, Andy. *Being There: Putting Brain, Body, and the World Together Again*. Cambridge, Mass., and London, England: The MIT Press, 1997.
- Clark, George Norman. *The Idea of the Industrial Revolution*. Glasgow, 1953.
- Clendening, Logan. *The Human Body*. New York: Alfred A. Knopf, 1927.

BIBLIOGRAPHY

- Clynes, Manfred E. "CYBORG II: Sentic Space Travel." *The CYBORG-Handbook*. Ed. Chris Hables Gray. With the assistance of H. Figueroa-Sarriera & S. Mentor. New York and London: Routledge, 1995. 35-42.
- Cohen, John. *Human Robots in Myth and Science*. Cranbury, N. J.: Barnes, 1967.
- Comarr, Philippe. *Images of the Body*. New York: Harry N. Abrams Publ., 1993.
- Corn, Joseph J., ed. *Imagining Tomorrow: History, Technology, and the American Future*. Cambridge: MIT Press, 1986.
- Cowan, Ruth Schwartz. "The 'Industrial Revolution' in the Home: Household Technology and Social Change in the Twentieth Century" [1976]. *Sex/Machine: Readings in Culture, Gender and Technology*. Ed. Patrick D. Hopkins. Bloomington: Indiana Univ. Press, 1999. 33-49.
- Crary, Jonathan, and Sanford Kwinter, eds. *Incorporations*. New York: Zone, 1992.
- Csordas, Thomas J. *Embodiment and Experience: The Existential Ground of Culture and Self*. Cambridge: Cambridge Univ. Press, 1994.

D

- Danto, Arthur C. *The Body/Body Problem: Selected Essays*. Berkeley, Los Angeles, London: Univ. of California Press, 1999.
- de Certeau, Michel. *The Practice of Everyday Life*. [Arts de faire, trans. Steven Rendall]. Berkeley: Univ. of California Press, 1984.
- . "Tools for Body Writing." *Intervention*, 21/22 (*Flesh*, 1988): 7-11.
- de Lauretis, Teresa. *Technologies of Gender: Essays on Theory, Film and Fiction*. Bloomington, Indiana Univ. Press, 1987.
- , ed. *The Cinematic Apparatus*. New York, St. Martin's Press, 1985.
- Deleuze, Didier. "The Living Machine: Psychology as Organology." *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992. 202-233.
- Deleuze, Gilles, and Félix Guattari. *Anti-Oedipus: Capitalism and Schizophrenia*. [*L'anti-Oedipe*, 1972, trans. Robert Hurley et al]. Minneapolis : Univ. Of Minnesota Press, 1983.
- . *A Thousand Plateaus: Capitalism and Schizophrenia*. [*Mille plateaux*, Vol. 2 of *Capitalisme et schizophrénie*, 1980, trans. and foreword by Brian Massumi]. Minneapolis: Univ. of Minnesota Press, 1987.
- Descartes, René. *Descriptions of the Human Body*. [1664, trans. John Cottingham, Robert Stoothoff, and Dugald Murdoch]. Vol. 1 of *The Philosophical Writings of Descartes*. Cambridge: Cambridge Univ. Press, 1985.
- . *Discourse on the Method; and Meditations on First Philosophy*. [*Discourse de la méthode*, anonymously publ. 1637, trans. Donald A. Cress]. Indianapolis: Hackett, 1998.
- . *Meditations on First Philosophy*. Ed., with an introd. by Stanley Tweyman. [*Meditationes de Prima Philosophia*, 1641, trans. Elizabeth S. Haldane and G. R. T. Ross]. London: Routledge, 1993.
- Dick, Philip K. *Time out of Joint*. Philadelphia and New York: J. B. Lippincott Co., 1959.
- Diprose, Rosalyn, and Robyn Ferrell, eds. *Cartographies: Poststructuralism and the Mapping of Bodies and Spaces*. Sydney: Allen & Unwin, 1991.
- Doane, Mary Ann. "Technophilia: Technology, Representation, and the Feminine." *Body/Politics: Women and the Discourse of Science*. Ed. Mary Jacobus, Evelyn Fox Keller, and Sally Shuttleworth. London: Routledge, 1990. 163-176.
- Duncan, Nancy. ed. *Body Space. Destabilizing Geographies of Gender and Sexuality*. London and New York, 1996.
- . "Introduction. (Re)Placings." *Body Space: Destabilizing Geographies of Gender and Sexuality*. Ed. Nancy Duncan. London and New York, 1996. 1-10.
- Dutton, Kenneth R. *The Perfectible Body: The Western Ideal of Physical Development*. London: Cassell, 1995.

E

- Ekirch, Arthur A., Jr. *The Idea of Progress in America, 1815-1860*. New York: Longmans, Green, 1944.
- Ewing, William A. *The Body: Photographs of the Human Form*. San Francisco: Chronicle Books, 1994.

F

- Falk, Pasi. *The Consuming Body*. London, Thousand Oaks, et al: Sage Publications, 1994.
- Feher, Michel. "Of Bodies and Technologies." *Discussions in Contemporary Culture*. No. 1. Ed. Hal Foster. DIA Art Foundation. Seattle, WA: Bay Press, 1987. 159-165.
- , with Ramona Naddaff and Nadia Tazi, eds. *Fragments for a History of the Human Body*. Parts I, II & III. 1989. New York: Zone; Cambridge, Mass.: MIT Press, 1990.
- Feuerstein, Günther. *Biomorphic Architecture: Menschen- und Tiergestalten in der Architektur*. Stuttgart & Berlin: Edition Axel Menges, 2001.
- Fischer, Hans Rudi, ed. *Autopoiesis: Eine Theorie im Brennpunkt der Kritik*. 1991. Heidelberg: Auer, 1993.
- Fluck, Winfried. "Aesthetics and Cultural Studies." *Aesthetics in a Multicultural Age*. Eds. Emory Elliott, Louis Freitas Caton, and Jeffrey Rhyne. Oxford and New York: Oxford Univ. Press, 2002. 79-103.

- Foster, Hal. "Exquisite Corpses." *Visualizing Theory: Selected Essays from V.A.R., 1990-1994*. Ed. Lucien Taylor. New York and London: Routledge, 1994. 159-172.
- . ed. *The Anti-Aesthetic: Essays on Postmodern Culture*. Port Townsend, Wash.: Bay Press, 1983.
- Foucault, Michel. *The Archaeology of Knowledge*. [*L'archéologie du savoir*, 1969, trans. A.M. Sheridan Smith]. London: Tavistock, 1972.
- . *Discipline and Punish: The Birth of the Prison*. [*Surveiller et punir*, 1975, trans. Alan Sheridan]. New York: Pantheon, 1977.
- . *The Order of Things*. [*Les mots et les choses*, 1966]. London: Tavistock, 1970.
- . *Power/Knowledge: Selected Interviews and Other Writings 1972-1977*. Ed. Colin Gordon. Trans. Colin Gordon, Leo Marshall, John Mepham, Kate Soper. New York: Pantheon Books, 1980.
- Foster, Thomas. "Meat Puppets or Robopaths? Cyberpunk and the Question of Embodiment." *Cybersexualities: A Reader on Feminist Theory, Cyborgs and Cyberspace*. Ed. Jenny Wolmark. Edinburgh: Edinburgh Univ. Press, 1999. 208-229.
- Franklin, H. Bruce. *Future Perfect*. New York: Oxford, 1966.
- Freeman, Walter, and James W. Watts. *Psychosurgery: Intelligence, Emotion and Social Behavior Following Prefrontal Lobotomy for Mental Disorders*. With special psychometric and personality profile studies by Thelma Hunt. Springfield, Ill.: Charles C. Thomas, 1942.
- Freud, Sigmund. *Civilization and Its Discontents*. [*Das Unbehagen in der Kultur*, 1930, trans. & ed. James Strachey]. New York: Norton, 1962.
- Freund, Peter E. S. *The Civilized Body: Social Domination, Control, and Health*. With the assistance of Miriam Fisher. Philadelphia: Temple Univ. Press, 1982.
- Fuery, Patrick. "Flesh into Body into Subject: The Corporeality of the Filmic Discourse." *New Developments in Film Theory*. New York: St. Martin's Press, 2000. 71-91.
- Fulton, John F. *Frontal Lobotomy and Affective Behavior: A Neurophysiological Analysis*. New York: Norton, 1951.
- Fye, W. Bruce. *American Cardiology: The History of a Specialty and Its College*. Baltimore: Johns Hopkins Univ. Press, 1996.

G

- Gallagher, Catherine, and Thomas Laqueur, eds. *The Making of the Modern Body: Sexuality and Society in the Nineteenth Century*. Berkeley: Univ. of California Press, 1987.
- Garber, Daniel. *Descartes Embodied: Reading Cartesian Philosophy Through Cartesian Science*. Cambridge, Engl. and New York: Cambridge Univ. Press, 2001.
- Giddens, Anthony. *The Constitution of Society: Outline of the Theory of Structuration*. Berkeley: Univ. of California Press, 1984.
- . *Modernity and Self-Identity: Self and Society in the Late Modern Age*. Cambridge, England: Polity Press, in association with Basil Blackwell (Oxford), 1991.
- Giedion, Siegfried. *Mechanization Takes Command*. 1948. New York: Norton, 1969.
- Gifford, Denis. *Science Fiction Film*. London: Studio Vista / Dutton Pictureback, 1971.
- Gilmore, Michael T. *Differences in the Dark: American Movies and English Theater*. New York: Columbia Univ. Press, 1998.
- Grosz, Elizabeth. *Volatile Bodies: Toward a Corporeal Feminism*. Bloomington and Indianapolis: Indiana Univ. Press, 1994.
- Guattari, Félix. "Regimes, Pathways, Subjects." Trans. from the French by Brian Massumi. *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992.
- Gunn, James. *Isaac Asimov: The Foundations of Science Fiction*. 1982. Lanham, Md., and London: The Scarecrow Press, 1996.

H

- Haraway, Donna. "A Cyborg Manifesto: Science, Technology, and Socialist-Feminism in the Late Twentieth Century" [1991]. *Sex/Machine: Readings in Culture, Gender and Technology*. Ed. Patrick D. Hopkins. Bloomington: Indiana Univ. Press, 1999. 434-467.
- Hefferman, Nick. *Capital, Class, and Technology in Contemporary American Culture: Projecting Post-Fordism*. London and Sterling, Va.: Pluto Press, 2000.
- Hellmann, Christian. *Der Science Fiction Film*. München: Wilhelm Heyne Verlag, 1983.
- Heywood, Leslie. "When Descartes Met the Fitness Babe: Academic Cartesianism and the Late Twentieth-Century Cult of the Body." *Feminist Interpretations of René Descartes*. Ed. Susan Bordo. University Park, Pennsylvania: The Pennsylvania State Univ. Press, 1999. 261-279.
- Hindle, Brooke. *Technology in Early America: Needs and Opportunities for Study*. Chapel Hill: The Univ. of North Carolina Press, 1966.
- Hine, Thomas. *Populuxe*. New York: Alfred A. Knopf, 1986.
- Hirsh, Richard F. *Technology and Transformation in the American Electric Utility Industry*. Cambridge, Engl., and New York: Cambridge Univ. Press, 1989.

BIBLIOGRAPHY

- Hofstadter, Richard. *The Age of Reform: From Bryan to F.D.R.* New York, 1955.
- Hopkins, Patrick D., ed. *Sex/Machine: Readings in Culture, Gender and Technology*. Bloomington: Indiana Univ. Press, 1999.
- Hutcheson, Harold. *Tench Coxe: A Study in American Economic Development*. Johns Hopkins University Studies in Historical and Political Science, No. 26, Baltimore, 1938.

I

- Ihde, Don. *Technics and Praxis*. Dordrecht: D. Reidel, 1979.

J

- Jaffe, Ira S. "Fighting Words: CITY LIGHTS (1931), MODERN TIMES (1936), THE GREAT DICTATOR (1940)." *Hollywood as Historian: American Film in a Cultural Context*. Ed. Peter C. Rollins. Lexington: The Univ. Press of Kentucky, 1983. 49-67.
- Jameson, Fredric. *Postmodernism, or, The Cultural Logic of Late Capitalism*. London and New York: Verso, 1991.
- Judovitz, Dalia. *Subjectivity and Representation in Descartes: The Origins of Modernity*. Cambridge and New York: Cambridge Univ. Press, 1988.

K

- Kaufman, Michael. *Textual Bodies: Modernism, Postmodernism, and Print*. Lewisburg: Bucknell Univ. Press, 1994.
- Kellner, Douglas, ed. *Baudrillard: A Critical Reader*. Oxford, England, and Cambridge, Mass.: Blackwell, 1994.
- Koestler, Arthur. *The Ghost in the Machine*. New York: Macmillan, 1967.
- Kraus, Elisabeth, and Carolin Auer, eds. *Simulacrum America: The USA and the Popular Media*. Rochester, N.Y.: Camden House, 2000.
- Kuhn, Annette, ed. *Alien Zone: Cultural Theory and Contemporary Science Fiction Cinema*. London: Verso, 1990.

L

- Leary, Timothy. *Chaos & Cyber Culture*. Ed. Michael Horowitz. Berkeley, Calif.: Ronin Publishing Inc., 1994.
- Leder, Drew. *The Absent Body*. Chicago and London: The Univ. of Chicago Press, 1990.
- Lefèbvre, Henri. *The Production of Space*. [*La production de l'espace*, 1974, trans. Donald Nicholson-Smith]. Oxford: Blackwell, 1991.
- Levin, David Michael. *The Body's Recollection of Being: Phenomenological Psychology and the Deconstruction of Nihilism*. London, Boston, et al: Routledge & Kegan Paul, 1985.
- Lucanio, Patrick. *Them Or Us: Archetypal Interpretations of Fifties Alien Invasion Films*. Bloomington and Indianapolis, Indiana Univ. Press, 1987.
- Lyotard, Jean-François. *The Postmodern Condition: A Report on Knowledge*. [*La condition postmoderne: rapport sur le savoir*, 1979, trans. Geoff Bennington and Brian Massumi]. Foreword by Frederic Jameson. Minneapolis: Univ. of Minnesota Press, 1984.

M

- Maland, Charles M. *Chaplin and American Culture: The Evolution of a Star Image*. Princeton, N.J., 1989.
- Marcel, Gabriel. *Metaphysical Journal*. [*Journal métaphysique*, trans. Bernard Wall]. London: Salisbury Square, 1952.
- . *The Mystery of Being*. [*Le mystère de l'être*, trans. G. S. Fraser & René Hague. Chicago: H. Regnery, 1951.
- Marcuse, Herbert. *One-dimensional Man: Studies in the Ideology of Advanced Industrial Society*. 1964. With a new introduction by Douglas Kellner. Boston: Beacon Press, 1991.
- Marks, Laura U. *The Skin of the Film: Intercultural Cinema, Embodiment, and the Senses*. Durham, N.C.: Duke Univ. Press, 2000.
- Martin, Emily. *Flexible Bodies: Tracking Immunities in American Culture — From the Days of Polio to the Age of AIDS*. Boston: Beacon Press, 1994.
- Martin, Michèle. "The Culture of the Telephone." *Sex/Machine: Readings in Culture, Gender and Technology*. Ed. Patrick D. Hopkins. Bloomington: Indiana Univ. Press, 1999. 50-74.
- Marx, Leo. *The Machine in the Garden: Technology and the Pastoral Ideal in America*. London: Oxford Univ. Press, 1964.
- . *The Pilot and the Passenger: Essays on Literature, Technology, and Culture in the United States*. New York: Oxford Univ. Press, 1988.

- , and Merritt Roe Smith, eds. *Does Technology Drive History? The Dilemma of technological Determinism*. Cambridge, Mass.: MIT Press, 1994.
- Maturana, Humberto R., and Francisco J. Varela. *Autopoiesis and Cognition: The Realization of the Living*. Dordrecht, Holland, Boston: D. Reidel Publishing Co., 1980.
- Mauss, Marcel. "Les techniques du corps." *Sociologie et anthropologie*. Précédé d'une introduction a l'œuvre de Marcel Mauss par Claude Lévi-Strauss. 1936. Paris: Presses Universitaires de France, 1950. 365-86.
- McConnell, Frank. "Born in Fire: The Ontology of the Monster." *Shadows of the Magic Lamp: Fantasy and Science Fiction in Film*. Ed. George E. Slusser and Eric S. Rabkin. Carbondale: Southern Illinois Univ. Press, 1991. 1-16.
- McGaw, Judith, ed. *Early American Technology: Making and Doing Things from the Colonial Era to 1850*. Chapel Hill: The Univ. of North Carolina Press, 1994.
- McHale, Brian. *Constructing Postmodernism*. London and New York: Routledge, 1992.
- McLuhan, Marshall. *The Mechanical Bride*. 1951. Boston: Beacon, 1967.
- . *Understanding Media: The Extensions of Man*. 1964. With a new introduction by Lewis H. Lapham. Cambridge, Mass., and London, England: The MIT Press, 1997.
- "The Mechanization of Thought Processes." *Time* 8. Dec. 1958: 73.
- Meier, Hugo Arthur. "The Technological Concept in American Social History, 1750-1860." Unpubl. Dissertation. Univ. of Wisconsin, 1950.
- . "American Technology and the Nineteenth-Century World." *American Quarterly* X (1958): 116-130.
- Mellor, Philip A., and Chis Shilling. *Re-Forming the Body: Religion, Community, and Modernity*. London, et al: Sage Publications, 1997.
- Merleau-Ponty, Maurice. *Humanism and Terror: An Essay on the Communist Problem*. [*Humanisme et terreur, essai sur le problème communiste*, 1947, trans. John O'Neill]. Boston: Beacon Press, 1969.
- . *Phenomenology of Perception*. [*La phénoménologie de la perception*, 1945, trans. Colin Smith]. London and New York: Routledge, 1996.
- . *Signs*. [*Signes*, 1960, trans. Richard C. McCleary]. Evanston: Northwestern Univ. Press, 1964.
- Meyer, Petra Maria. "MATRIX: Körper- und Medieninszenierung im postmodernen Film." *Die Postmoderne im Kino: Ein Reader*. Hg. Jürgen Felix. Marburg: Schüren Verlag, 2002. 297-320.
- Meyers, Marvin. *The Jacksonian Persuasion: Politics and Belief*. New York, 1960.
- Molyneaux, Gerard. "MODERN TIMES and the American Culture of the 1930's." *Charlie Chaplin: His Reflection in Modern Times*. Ed. Adolphe Nysenholc. Berlin and New York: Mouton de Gruyter, 1991. 103-117.
- Moravec, Hans. *Mind Children: The Future of Robot and Human Intelligence*. Cambridge: Harvard Univ. Press, 1988.
- Morgan, Kathryn Pauly. "Women and the Knife: Cosmetic Surgery and the Colonization of Women's Bodies" [1991]. *Sex/Machine: Readings in Culture, Gender and Technology*. Ed. Patrick D. Hopkins. Bloomington: Indiana Univ. Press, 1999. 261-285.

N

- Neill, Catherine A., and Edward B. Clark. *The Developing Heart: A 'History' of Pediatric Cardiology*. Dordrecht and Boston: Kluwer Academic Publishers, 1995.
- Norton, Anne. "Man into Machine." *Alternative Americas: A Reading of Antebellum Political Culture*. Chicago and London: The Univ. of Chicago Press, 1986. 33-63.
- Nuttall, Jeff. *Bomb Culture*. London: MacGibbon & Kee, 1968.
- Nye, David E. *Electrifying America: Social Meanings of a New Technology, 1880-1940*. Cambridge, Mass.: MIT Press, 1990.
- . *Narratives and Spaces: Technology and the Construction of American Culture*. Exeter, Devon, UK: Univ. of Exeter Press, 1997.

O

- Olson, Lance. *William Gibson*. San Bernardino: the Borgo Press, 1992.
- Ortega y Gasset, José. *The Revolt of the Masses*. [trans. anon]. London, 1932.
- Orvell, Miles. "The Artist Looks at the Machine: Whitman, Sheeler, and American Modernism." *Amerikastudien/ American Studies* 41.3 (1996): 361-379.
- Ostwald, Wilhelm. "Machines and Living Creatures, Lifeless and Living Transformers of Energy." *Scientific American Supplement* 1803 (July 23, 1910): 55.

P

- Patrouch, Joseph F., Jr. *The Science Fiction of Isaac Asimov*. Garden City: Doubleday, 1974.
- Pettifer, Julian, and Nigel Turner. *Automania*. Boston: Little, Brown, 1984.
- Portugal, Franklin H., and Jack S. Cohen. *A Century of DNA: A History of the Discovery of the Structure and Function of the Genetic Substance*. Cambridge, Mass.: MIT Press, 1977.
- Porush, David. *The Soft Machine: Cybernetic Fiction*. New York: Methuen, 1985.

BIBLIOGRAPHY

- Pound, Ezra. "Machine Art" [1927-1930]. *Machine Art & Other Writings: The Last Thoughts of the Italian Years*. Ed. Maria Luisa Ardizzone. Durham & London: Duke Univ. Press, 1996. 57-83.
- Pressman, Jack D. *Last Resort: Psychosurgery and the Limits of Medicine*. New York: Cambridge Univ. Press, 1998.
- Pynchon, Thomas. V. 1963. New York: Bantam, 1964.

R

- Reiser, Morton F. *Mind, Brain, Body: Towards a Convergence of Psychoanalysis and Neurobiology*. New York: Basic Books, 1984.
- Robson, Kate. "'Meat' in the Machine: The Centrality of the Body in Internet Interactions." *The Body in Qualitative Research*. Ed. John Richardson and Alison Shaw. Aldershot, Brookfield et al: Ashgate, 1998.
- Ryan, Michael, and Douglas Kellner. "Technophobia." *Alien Zone*. Ed. Annette Kuhn. London: Verso, 1990. 58-65.
- Ryle, Gilbert. *The Concept of Mind*. 1949. Chicago: Univ. of Chicago Press, 1984.

S

- Satin, Joseph, ed. *The 1950's: America's 'Placid' Decade*. Boston: Houghton Mifflin Co., 1960.
- Sawyer, John E. "The Social Basis of the American System of Manufacturing." *Journal of Economic History* XIV (1954): 361-379.
- Schelde, Per. *Androids, Humanoids, and Other Science Fiction Monsters: Science and Soul in Science Fiction Films*. New York: New York Univ. Press, 1993.
- Schilder, Paul. *The Image and Appearance of the Human Body: Studies in the Constructive Energies of the Psyche*. 1950. New York: International Universities Press, Inc., 1970.
- Schneider, Martin. *Das mechanistische Denken in der Kontroverse: Descartes' Beitrag zum Geist-Maschine-Problem*. Stuttgart: F. Steiner, 1993.
- Schwab, Gabriele. "Cyborgs: Postmodern Phantasms of Body and Mind." *Discourse* 9.2 (1987): 64-84.
- Schwab, Martin. "In the Mirror of Technology." *Discourse* 9.2 (1987): 85-106.
- Schwartz, Hillel. "Torque: The New Kinaesthetic." *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992. 71-127.
- Segal, Howard P. *Future Imperfect: The Mixed Blessings of Technology in America*. Amherst: Univ. of Massachusetts Press, 1994.
- . *Technological Utopianism in American Culture*. Chicago: Univ. of Chicago Press, 1985.
- Seltzer, Mark. *Bodies and Machines*. New York and London: Routledge, 1992.
- Seymour, Wendy. *Remaking the Body: Rehabilitation and Change*. London: Routledge, 1998.
- Shaviro, Steven. *The Cinematic Body*. Minneapolis: The Univ. of Minnesota Press, 1993.
- Sinclair, Bruce, ed. *New Perspectives on Technology and American Culture*. Philadelphia: American Philosophical Society, 1986.
- Sobchack, Vivian Carol. *The Address of the Eye: A Phenomenology of Film Experience*. Princeton, N.J.: Princeton Univ. Press, 1992.
- . "The Virginity of Astronauts: Sex and the Science Fiction Film." *Alien Zone: Cultural Theory and Contemporary Science Fiction Cinema*. Ed. Annette Kuhn. London and New York: Verso, 1990. 103-115.
- Solomon, William. *Literature, Amusement, and Technology in the Great Depression*. Cambridge & New York: Cambridge Univ. Press, 2002.
- Springer, Claudia. *Electronic Eros: Bodies and Desire in the Postindustrial Age*. Austin: Univ. of Texas Press, 1996.
- Stone, Allucquere Rosanne. "Will the Real Body Please Stand Up? Boundary Stories about Virtual Cultures." *Cyberspace: First Steps*. Ed. Michael Benedikt. Cambridge, Mass., and London, Engl.: The MIT Press, 1991. 81-118.
- Struik, Dirk J. *Yankee Science in the Making*. Boston, 1948.

T

- Tausk, Victor. "The Influencing Machine." Trans. from the German by Dorian Feigenbaum. *Incorporations*. Ed. Jonathan Crary and Sanford Kwinter. New York: Zone, 1992. 542-569.
- Taylor, George Rogers. *The Transportation Revolution, 1815-1860*. New York, 1951.
- Telotte, J. P. *Replications: A Robotic History of the Science Fiction Film*. Urbana & Chicago: Univ. of Illinois Press, 1995.
- Thoreau, Henry David. *Walden and Civil Disobedience: Authoritative Texts, Background, Reviews, and Essays in Criticism*. Ed. Owen Thomas. New York and London: W. W. Norton, 1966.
- Tichi, Cecelia. *Electronic Hearth: Creating an American Television Culture*. New York and Oxford: Oxford Univ. Press, 1991.
- . *Shifting Gears: Technology, Literature, Culture in Modernist America*. Chapel Hill and London: Univ. of North Carolina Press, 1987.

- Tietge, David J. *Flash Effect: Science and the Rhetorical Origins of Cold War America*. Athens, Ohio: Ohio Univ. Press, 2002.
- Trachtenberg, Alan. *The Incorporation of America: Culture and Society in the Gilded Age*. London: Hill and Wang, 1982.
- Tudor, Andrew. *Monsters and Mad Scientists: A Cultural History of the Horror Movie*. Oxford and New York: Basil Blackwell, 1989.
- Turing, Alan. "Computing Machinery and Intelligence." *Mind* 59 (1950): 433-460.
- Turner, Bryan S. *The Body and Society: Explorations in Social Theory*. 1984. London, Thousand Oaks, New Delhi: Sage Publications, 1996.
- . *Regulating Bodies: Essays in Medical Sociology*. London: Routledge, 1992.

U

- "Uranium Makes a Wilder West." *Life* 19 July 1954: 12-13.

V

- Valenstein, Elliott S. *Great and Desperate Cures: The Rise and Decline of Psychosurgery and Other Radical Treatments for Mental Illness*. New York: Basic Books, 1986.

W

- Warrick, Patricia S. *The Cybernetic Imagination in Science Fiction*. Cambridge: MIT Press, 1980.
- . "Ethical Evolving Artificial Intelligence: Asimov's Computers and Robots." *Isaac Asimov*. Ed. Joseph D. Olander and Martin H. Greenberg. New York: Taplinger Publ. Co., 1977. 174-200.
- Watkins, Evan. *Throwaways: Work Culture and Consumer Education*. Stanford, Calif.: Stanford Univ. Press, 1993.
- Welter, Rush. "The Idea of Progress in America: An Essay in Ideas and Method." *Journal of the History of Ideas* XVI (1955): 401-415.
- Whyte, William H., Jr. *The Organization Man*. Garden City, N.Y.: Doubleday, 1956.
- Wiener, Norbert. *Cybernetics of Control and Communication in the Animal and the Machine*. New York: John Wiley & Sons [The Technology Press], 1948.
- . *God and Golem, Inc.* Cambridge: MIT Press, 1964.
- . *The Human Use of Human Beings*. Boston: Houghton Mifflin Company, 1954.
- Will, Barbara. "Nervous Systems, 1880-1915." *American Bodies: Cultural Histories of the Physique*. Ed. Tim Armstrong. Washington Square, New York: New York Univ. Press, 1996. 86-100.
- Winokur, M. "MODERN TIMES and the Comedy of Transformation." *Literature/Film Quarterly* 15.4 (1987).
- Wolfe, Gary. *The Known and the Unknown: The Iconography of Science Fiction*. Kent: Kent State Univ. Press, 1979.
- Wollen, Peter. "Cinema/Americanism/the Robot." *Modernity and Mass Culture*. Ed. James Naremore and Patrick Brantlinger. Bloomington: Indiana Univ. Press, 1991. 42-69.

X

- "X-Ray Barbecue." *Life* 17 Apr. 1950: 87-88.

Y

- Yaszek, Lisa. *The Self Wired: Technology and Subjectivity in Contemporary Narrative*. New York: Routledge, 2002.

Z

- Žižek, Slavoj. "Cyberspace, or the Unbearable Closure of Being." *Endless Night: Cinema and Psychoanalysis, Parallel History*. Berkeley and Los Angeles: Univ. of California Press, 1999. 96-125.
- . *The Sublime Object of Ideology*. 1989. London and New York: Verso, 1998.