

Bibliography

- Angier, Natalie. "Matter over Mind: The Curse of Living within One's Genes." *The New York Times*, 18 December 1994.
- Aquinas, Saint Thomas. *Commentary on Aristotle's Physics*. Translated by Richard J. Blackwell, Richard J. Spath, and Edmund Thirlkel. New Haven: Yale University Press, 1963.
- . *The Division and Methods of the Sciences, Questions V and VI of the Commentary on the De Trinitate of Boethius*. Translated by Armand Maurer. Toronto: The Pontifical Institute of Mediaeval Studies, 1963.
- . *In octo libros physicorum Aristotelis expositio*. Turin and Rome: Marietti, 1965. Translated by Richard J. Blackwell, Richard J. Spath, and Edmund Thirlkel, *Commentary on Aristotle's Physics* (New Haven: Yale University Press, 1963).
- . *On the Power of God*. Translated by the Dominican Fathers. Westminster, Md.: The Newman Press, 1952.
- . *Summa Theologiae*. 4 vols. Turin: Marietti, 1948.
- . *Treatise on Law (Summa Theologica, Questions 90–97)*. Chicago: Henry Regnery Gateway, 1965.
- Aristotle. *The Politics*. Translated by Carnes Lord. Chicago: University of Chicago Press, 1984.
- . *Aristotle's De Motu Animalium: Text with Translation, Commentary and Interpretive Essays*. Translated and edited by Martha C. Nussbaum. Princeton: Princeton University Press, 1978.
- . *Aristotle's De Partibus Animalium I and De Generatione Animalium I (with passages from II.1–3)*. Translated by David M. Balme. Oxford: Clarendon Press, 1992.
- . *Aristotle's Metaphysics*. Translated by H. G. Apostle. Grinnell, Iowa: The Peripatetic Press, 1979.
- . *Aristotle's On the Soul*. Translated by H. G. Apostle. Grinnell, Iowa: The Peripatetic Press, 1981.
- . *Aristotle's Physics*. Translated by H. G. Apostle. Grinnell, Iowa: The Peripatetic Press, 1980.
- . *Nicomachean Ethics*. Translated by H. Rackham. Vol. 19 of *Aristotle*. Loeb Classical Library. Cambridge: Harvard University Press, 1982.
- Arnold, V. I. *Mathematical Methods of Classical Mechanics*. New York: Springer-Verlag, 1989.
- Atkins, P. W. *The Creation*. Oxford: W. H. Freeman, 1981.
- Augustine, Saint. *The City of God*. Translated by Marcus Dods. New York: Random House Modern Library, 1950.
- Averroes. *Ibn Rushd's Metaphysics*. Translated by Charles Genequand. Leiden: E. J. Brill, 1984.

- Avicenna. *Sufficientia*. In *Opera omnia*. Venice, 1508.
- Ayer, A. J. *Logical Positivism*. New York: The Free Press, 1959.
- Bacon, Francis. *The New Organon*. Edited by Fulton H. Anderson. Indianapolis: Bobbs-Merrill, 1960.
- Bagley, Paul. "On the Practice of Esotericism." *Journal of the History of Ideas* 53/2 (April-June 1992): 231-47.
- Balashov, Y. V. "Resource Letter AP1: The Anthropic Principle." *American Journal of Physics* 59 (1991): 1069-76.
- Balme David. "Teleology and Necessity." In *Philosophical Issues in Aristotle's Biology*, edited by Allan Gotthelf and James G. Lennox. Cambridge: Cambridge University Press, 1987.
- Barrow, John D., and Frank J. Tipler. *The Anthropic Cosmological Principle*. Oxford: Clarendon Press, 1986.
- Bazan, J. Carlos, Eduardo Andujar, and Leonardo Sbrocchi, eds. *Moral and Political Philosophies in the Middle Ages*. Ottawa: Legas, 1995.
- Bennett, Charles H. "Dissipation, Information, Computational Complexity and the Definition of Organization." In *Emerging Syntheses in Science*, edited by David Pines. Redwood City, Calif.: Addison-Wesley, 1988.
- Berns, Walter. "Comment on 'Christians, Politics, and the Modern State,' by E. R. Norman." *This World* 6 (1983): 96-101.
- Bertola, F., and U. Curi, eds. *The Anthropic Principle*. Cambridge: Cambridge University Press, 1989.
- Binswanger, Harry. *The Biological Basis of Teleological Concepts*. Los Angeles: Ayn Rand Institute Press, 1990.
- . "Life-Based Teleology and the Foundations of Ethics." *The Monist* 75 (1992): 84-103.
- Bohr, Niels. "Light and Life." *Nature* 131 (1933): 421-23 and 457-59.
- Bondi, H. "Fact and Inference in Theory and Observation." In *Vistas in Astronomy*, vol. 1, edited by Arthur Beer. London: Pergamon Press, 1955.
- Boltzmann, L. "On Certain Questions of the Theory of Gases." *Nature* 51 (1895): 413-15.
- Bradie, Michael, and Fred D. Miller, Jr. "Teleology and Natural Necessity in Aristotle." *History of Philosophy Quarterly* 1 (1984): 133-45.
- Brooks, D. R., and E. O. Wiley. *Evolution as Entropy*. Chicago: University of Chicago Press, 1988.
- Burbidge, John W. "Is Hegel a Christian?" in *Hegel on Logic and Religion*. Albany: SUNY Press, 1992.
- . "Language and Recognition." In *Method and Speculation in Hegel's Phenomenology*, edited by M. Westphal. Atlantic Highlands, N.J.: Humanities Press, 1982.
- Butts, Robert E. *Kant and the Double Government Methodology*. Dordrecht: Reidel, 1984.
- . "Teleology and Scientific Method in Kant's *Critique of Judgment*." *Nous* 24 (1990): 1-16.
- Cairns, J., Overbough, J., and Miller, S. "The Origin of Mutants." *Nature* 335 (1988): 142-45.
- Campbell, David K. "Nonlinear Science." *Los Alamos Science* 15 (1987): 218-62. Reprinted as a *Los Alamos Science* Special Issue.
- Campbell, John H. "Evolution as Nonequilibrium Thermodynamics: Half-way There?" In *Entropy, Information, and Evolution*, edited by Bruce H.

- Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- Cantor, Norman F. *Inventing the Middle Ages: The Lives, Works, and Ideas of the Great Medievalists of the Twentieth Century*. New York: W. Morrow, 1991.
- Carr, B. J. "On the Origin, Evolution and Purpose of the Physical Universe." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Carr, B. J., and M. J. Rees. "The Anthropic Principle and the Structure of the Physical World." *Nature* 278 (April 1979): 605-12.
- Carter, Brandon. "The Anthropic Principle: Self-Selection as an Adjunct to Natural Selection." In *Cosmic Perspectives*, edited by S. K. Biswas, et al. Cambridge: Cambridge University Press, 1989.
- . "The Anthropic Selection Principle and the Ultra-Darwinian Synthesis." In Bertola and Curi, eds., *Anthropic Principle*. Cambridge: Cambridge University Press, 1989.
- . "Large Number Coincidences and the Anthropic Principle in Cosmology." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Cassirer, H. W. *A Commentary on Kant's Critique of Judgment*. New York: Barnes and Noble, 1938.
- Charles, David. "Aristotle on Hypothetical Necessity and Irreducibility." *Pacific Philosophical Quarterly* 69 (1988): 1-53.
- . "Teleological Causation in the *Physics*." In *Aristotle's Physics: A Collection of Essays*, edited by Lindsay Judson. Oxford: Clarendon Press, 1991.
- Charlton, William. "Report on Recent Work." In *Aristotle's Physics, Books I and II*. Reprint, new impression. Oxford: Clarendon Press, 1992.
- . "Aristotle and the Harmonia Theory." In *Aristotle on Nature and Living Things*, edited by Allan Gotthelf. Pittsburgh: Mathesis Publications, 1985.
- Churchill, Winston. *The Gathering Storm*. Boston: Houghton Mifflin, 1948.
- Churchland, Paul. *Engine of Reason, Seat of the Soul*. Cambridge: MIT Press, 1995.
- Cohen, Sheldon. "Aristotle on Hot, Cold, and Teleological Explanation." *Ancient Philosophy* 9 (1989): 255-70.
- Collier, John. "The Dynamics of Biological Order." In *Entropy, Information, and Evolution*, edited by Bruce H. Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- Collins, C. B. and S. W. Hawking. "Why is the Universe Isotropic?" *Astrophysical Journal* 180 (1973): 317-34.
- Cooper, John M. "Aristotle on Natural Teleology." In *Language and Logos*, edited by M. Schofield and M. C. Nussbaum. Cambridge: Cambridge University Press, 1982.
- . "Hypothetical Necessity." In *Aristotle on Nature and Living Things*, edited by Allan Gotthelf. Pittsburgh: Mathesis Publications, 1985.
- . "Hypothetical Necessity and Natural Teleology." In *Philosophical Issues in Aristotle's Biology*, edited by Allan Gotthelf and James G. Lennox. Cambridge: Cambridge University Press, 1987.
- Da Vinci, Leonardo. *The Notebooks of Leonardo da Vinci*. Edited by Jean Paul Richter. 2 vols. New York: Dover, 1970.
- Davies, P. C. W. *The Accidental Universe*. Cambridge: Cambridge University Press, 1982.

- . *The Mind of God*. New York: Simon and Schuster, 1992.
- Dawkins, Richard. *The Selfish Gene*. Oxford: Oxford University Press, 1976.
- De Sanctis, Francesco. *Saggi critici*. Milan: n.p., 1933.
- DeDonder, T. *L'Affinite*. Paris: Gauthier-Villars, 1927.
- Delbrück, Max. "Aristotle-totle-totle." In *Of Microbes and Life*, edited by J. Monod and E. Borek. New York: Columbia University Press, 1971.
- Demaret, J., and C. Barbier. "Le principe anthropique en cosmologie." *Revue des Questions Scientifiques* 152 (1981): 181–222 and 461–509.
- Depew, David J., and Bruce H. Weber. "Consequences of Nonequilibrium Thermodynamics for Darwinism." In *Entropy, Information, and Evolution*, edited by Bruce H. Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- . *Darwinism Evolving*. Cambridge: MIT Press, 1995.
- Descartes, Rene. *Discourse on Method*. In *The Philosophical Writings of Descartes*, vol. 1, translated by John Cottingham, Robert Stoothoff, and Dugald Murdoch. Cambridge: Cambridge University Press, 1985.
- . *Le Monde*. Translated by Michael S. Mahoney. New York: Abaris, 1979.
- . *Oeuvres*. Edited by Charles Adam and Paul Tannery. 13 vol. Paris: n.p., 1964.
- . *Treatise on Man*. In *Philosophical Writings*, vol. 1, translated by John Cottingham, Robert Stoothoff, and Dugald Murdoch. Cambridge: Cambridge University Press, 1985.
- DeSitter, W. "The Expanding Universe." *Scientia* 49 (1931): 1–10.
- Dewey, John. *Experience and Nature*. La Salle, Ill.: Open Court, 1929.
- DeWitt, B. S., and N. Graham, eds. *The Many-Worlds Interpretation of Quantum Mechanics*. Princeton: Princeton University Press, 1973.
- Dicke, R. H. "Dirac's Cosmology and Mach's Principle." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Dingle, H. *The Evolution of the Universe*. London: Nature, 1931.
- Dirac, P. A. M. "The Cosmological Constants." *Nature* 20 (February 1937): 323.
- Drakulic, Slavenka. "Intellectuals and Social Change in Central and Eastern Europe." *Partisan Review* 59, no. 4 (1992): 736–40.
- Dyson, F. "Energy in the Universe." *Scientific American* (September 1971): 51–59.
- Earman, J. "The SAP Also Rises: A Critical Examination of the Anthropic Principle." *American Philosophical Quarterly* 27 (1979): 307–17.
- Eddington, Arthur S. *New Pathways in Science*. Ann Arbor: University of Michigan Press, 1959.
- Ehring, Douglas. "Negative Feedback and Goals." *Nature and System* 6 (1984): 217–20.
- Eigen, Manfred. "Self-Organization of Matter and the Evolution of Biological Macromolecules." *Naturwissenschaften* 58 (1971): 465–523.
- . *Steps towards Life*. New York: Oxford University Press, 1992.
- Eigen, Manfred, and P. Schuster. *The Hypercycle*. Heidelberg: Springer-Verlag, 1979.
- Einstein, Albert, and Leopold Infeld. *The Evolution of Physics*. New York: Simon and Schuster, 1966.
- Ellis, G. F. R. "The Homogeneity of the Universe." *General Relativity and Gravitation* 11 (1979): 281–89.
- . *The Universe: Cradle of Our Existence*. London: Bowerdean Press, 1992.

- Ellis, J., A. Linde, and M. Sher. "Vacuum Stability, Wormholes, Cosmic Rays and the Cosmological Bounds on Top Quark and Higgs Masses." *Physics Letters* 252B (1990): 203-11.
- Ewing, A. C. *Value and Reality*. London: Allen and Unwin, 1973.
- Feigenbaum, Mitchell. "Universal Behavior in Nonlinear Systems." *Los Alamos Science* 1 (1980): 4-27. Reprinted in *Physica D* 7 (1983): 16-39.
- Feinberg, G., and R. Shapiro. *Life Beyond Earth*. New York: William Morrow, 1980.
- Finnis, John. *Natural Law and Natural Rights*. Oxford: Clarendon Press, 1980.
- Ford, Joseph. "How Random Is a Coin Toss?" *Physics Today* 36 (April 1983): 40-47.
- Forrest, P. "Anthropic Answers and the Existence of God." *Proceedings of the Russellian Society* 7 (1982): 1-13.
- Fortin, Ernest. "Sacred and Inviolable: *Rerum Novarum* and Natural Rights." *Theological Studies* 53 (1992): 203-33.
- Fox, Sidney W. "The Evolutionary Sequence: Origin and Emergences." *American Biology Teacher* 48 (March 1986): 140-49.
- Frautschi, S. "Entropy in an Expanding Universe." *Science* 217 (1982): 593-99.
- Friedman, Michael. *Kant and the Exact Sciences*. Cambridge: Harvard University Press, 1992.
- Furley, David. "The Rainfall Example in *Physics* II.8." In *Aristotle on Nature and Living Things*, edited by Allan Gotthelf. Pittsburgh: Mathesis Publications, 1985.
- Gale, George. "The Anthropic Principle." *Scientific American* (December 1981): 154-71.
- . "Cosmological Fecundity: Theories of Multiple Universes." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Glansdorff, P., and I. Prigogine. *Thermodynamic Theory of Structure, Stability and Fluctuations*. London: Wiley-Interscience, 1971.
- Gleick, James. *Chaos*. New York: Viking, 1987.
- Glenn, G. D. "Inalienable Rights and Locke's Argument for Limited Government: Political Implications of a Right to Suicide." *The Journal of Politics* 46 (1984): 80-105.
- Godfrey of Fontaines. *Quodlibet* 8. In *Philosophes Belges* 4 (1924): 105.
- Goethe, J. W. "Anschauende Urteilskraft." In *Schriften zur Botanik und Wissenschaftslehre*. Munich: Deutscher Taschenbuch Verlag, 1963.
- Gotthelf, Allan, ed. *Aristotle on Nature and Living Things*. Pittsburgh: Mathesis Publications, 1985.
- . *Aristotle's Conception of Final Causality*. Ann Arbor: University Microfilms, 1975.
- . "Aristotle's Conception of Final Causality." *Review of Metaphysics* 30 (1977): 226-54. Reprint with additional notes and "Postscript 1986," *Philosophical Issues in Aristotle's Biology*, edited by Allan Gotthelf and James G. Lennox. Cambridge: Cambridge University Press, 1987.
- . "First Principles in Aristotle's *Parts of Animals*." In *Philosophical Issues in Aristotle's Biology*, edited by Allan Gotthelf and James G. Lennox. Cambridge: Cambridge University Press, 1987.
- . "The Place of the Good in Aristotle's Natural Teleology." Vol. 4 (1988) of *Proceedings of the Boston Colloquium in Ancient Philosophy*, edited by J. J.

- Cleary and D. C. Shartin. Lanham, Md.: University Press of America, 1989.
- . "Report on Recent Work." In *Aristotle's De Partibus Animalium and De Generatione Animalium I (with passages from II.3)*. Translated by David Balme. Oxford: Clarendon Press, 1992.
- . "Teleology and Spontaneous Generation: A Discussion." In *Nature, Knowledge and Virtue*, edited by R. Kraut and T. Penner. *Apeiron* Special Issue 22.4 (1989).
- , ed. *Aristotle on Nature and Living Things*. Pittsburgh: Mathesis Publications, 1985.
- Gotthelf, Allan, and James G. Lennox, eds. *Philosophical Issues in Aristotle's Biology*. Cambridge: Cambridge University Press, 1987.
- Gould, Stephen Jay. "Mind and Supermind." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Gratian. *Decretum Magistri Gratiani*. Edited by E. Friedberg. Corpus Juris Canonici, vol. I. Leibzig: Tauschnitz, 1879.
- Gribbin, John. *In the Beginning*. Boston: Little Brown, 1993.
- Grotius, Hugo. *De iure belli et pacis*. Lausanne: Bousquet, 1751–52.
- Guth, A. H., and P. J. Steinhardt. "The Inflationary Universe." *Scientific American* (May 1984): 116–28.
- Guyer, Paul. "Reason and Reflective Judgment: Kant on the Significance of Systematicity." *Nous* 24 (1990): 17–43.
- Guyer, Paul, and Ralph Walker. "Kant's Conception of Empirical Law." *Proceedings of the Aristotelian Society*, Supplemental vol. 64 (1990): 221–58.
- Hacking, Ian. "The Inverse Gambler's Fallacy. The Argument from Design. The Anthropic Principle Applied to Wheeler Universes." *Mind* 96 (1987): 331–40. Responses to Hacking by three writers in *Mind* 97 (1988): 259–72.
- Hall, A. R., and M. B. Hall. *Unpublished Scientific Papers of Isaac Newton*. Cambridge: Cambridge University Press, 1962.
- Hamilton, Alexander, James Madison, and John Jay. *The Federalist Papers*, edited by Clinton Rossiter. New York: Mentor, 1961.
- Harman, Gilbert. *The Nature of Morality*. New York: Oxford University Press, 1977.
- Hart, H. L. A. *The Concept of Law*. Oxford: Oxford University Press, 1961.
- Hassing, Richard F. "Animals versus the Laws of Inertia." *Review of Metaphysics* 46 (1992): 29–61.
- . "Wholes, Parts, and Laws of Motion." *Nature and System* 6 (1984): 195–215.
- Hawking, S. W. "The Anisotropy of the Universe at Large Times." In Longair, M. S., ed., *Confrontation of Cosmological Theories with Observational Data*. Dordrecht: Reidel, 1974.
- . "The Quantum Mechanics of Black Holes." *Scientific American* (January 1977): 34–40.
- Hawking, S. W., and Israel, W., eds. *General Relativity*. Cambridge: Cambridge University Press, 1979.
- Hegel, G. W. F. *The Encyclopedia Logic*, edited by Geraets, et. al. Indianapolis: Hackett, 1991.
- . *Gesammelte Werke*. Hamburg: Meiner, 1968–.
- . *Hegel's Logic*. Translated by William Wallace. Oxford: Clarendon Press, 1975.

- . *Hegel's Phenomenology of Spirit*. Translated by A. V. Miller. Oxford: Clarendon Press, 1977.
- . *Hegel's Philosophy of Nature*. Translated by A. V. Miller. Oxford: Clarendon Press, 1970.
- . *Hegel's Science of Logic*. Translated by A. V. Miller. London: Allen and Unwin, 1969.
- . *Lectures on the Philosophy of World History: Introduction*. Translated by H. B. Nisbet. Cambridge: Cambridge University Press, 1975.
- . *Die Vernunft in der Geschichte*. Edited by Hoffmeister. Hamburg: Meiner, 1955.
- Heidegger, Martin. *Kants These über das Sein*. In *Wegmarken*. Frankfurt: Klostermann, 1967.
- Heisenberg, Werner. *Physics and Beyond*. Translated by Arnold J. Pomerans. New York: Harper Torchbooks, 1972.
- Helmholtz, Hermann. "Über die Erhaltung der Kraft." In *Wissenschaftliche Abhandlungen*. Vol. 1. Leipzig: n.p., 1882.
- Henry of Ghent. *Quodlibet* 9. In *Opera Omnia*, edited by Raymond Macken. Vol. 13. Leuven, Belg.: University Press, 1983.
- Ho, Mae-Wan. "Reanimating Nature: The Integration of Science with Human Experience." *Leonardo* 24 (1991): 607–15.
- Hobbes, Thomas. *De Cive*. Edited by Howard Warrender. Oxford: Clarendon Press, 1983.
- . *Elements of Law*. Edited by F. Tönnies. London: Cass, 1969.
- . *Leviathan*. Edited by C. B. Macpherson. New York: Penguin, 1985.
- Hoyle, Fred. *Galaxies, Nuclei and Quasars*. London: Heinemann, 1965.
- Hull, David L. Introduction to *Entropy, Information, and Evolution*, edited by Bruce H. Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- Irwin, Terence H. *Aristotle's First Principles*. Oxford: Clarendon Press, 1988.
- Jantsch, Erich. *The Self-Organizing Universe*. Oxford: Pergamon Press, 1980.
- Jensen, Roderick. "Classical Chaos." *American Scientist* 75 (1987): 168–81.
- Jerome, Saint. In *Amos*. In *Commentarii in prophetas minores*. Part I.6 of *S. Hieronymi Presbyteri Opera*. Corpus Christianorum. Turnhout: Brepols, 1969.
- Judson, Lindsay, ed. *Aristotle's Physics: A Collection of Essays*. Oxford: Clarendon Press, 1991.
- Kahn, Charles H. "The Place of the Prime Mover in Aristotle's Teleology." In *Aristotle on Nature and Living Things*, edited by Allan Gotthelf. Pittsburgh: Mathesis Publications, 1985.
- Kant, Immanuel. *Critique of Pure Reason*. Translated by Norman Kemp Smith. New York: St. Martin's Press, 1965.
- . *Erste Einleitung in die Kritik der Urteilskraft*. In *Kants gesammelte Schriften*. Preussische Akademie der Wissenschaften. Vol. 20. Berlin: Walter de Gruyter and Predecessors, 1902.
- . *Foundations of the Metaphysics of Morals*. Translated by Lewis White Beck. Indianapolis: Bobbs-Merrill, 1959.
- . *Critique of Judgment*. Translated by Werner S. Pluhar. Indianapolis: Hackett, 1987.
- . *Kritik der Urteilskraft*. In *Kants gesammelte Schriften*. Preussische Akademie der Wissenschaften. Vol. 20. Berlin: Walter de Gruyter and Predecessors, 1902.

- . *Lectures on Ethics*. Translated by Louis Infeld. New York: Harper and Row, 1963.
- . *Metaphysical Foundations of Natural Science*. Translated by James Ellington. In *Kant's Philosophy of Material Nature*. Indianapolis: Hackett, 1985.
- . "Perpetual Peace." Translated by Lewis White Beck. In *Kant on History*, edited by Lewis White Beck. Indianapolis: Bobbs-Merrill, 1963.
- Kass, Leon. *Toward a More Natural Science*. New York: The Free Press, 1985.
- Kauffman, Stuart. *The Origins of Order*. New York: Oxford University Press, 1993.
- Kennington, Richard. "Bacon's Critique of Ancient Philosophy in *New Organon* I." In *Nature and Scientific Method*, edited by Daniel O. Dahlstrom. Washington, D.C.: The Catholic University of America Press, 1991.
- . "Rene Descartes." In *History of Political Philosophy*, edited by Leo Strauss and Joseph Cropsey. 3rd ed. Chicago: University of Chicago Press, 1987.
- . "Strauss's *Natural Right and History*." In *Leo Strauss's Thought*, edited by Alan Udoff. Boulder: Lynne Rienner Publishers, 1991.
- Kitcher, Philip. "Kant's Philosophy of Science." In *Self and Nature in Kant's Philosophy*, edited by Allen W. Wood. Ithaca: Cornell University Press, 1984.
- . "Projecting the Order of Nature." In *Kant's Philosophy of Physical Science*, edited by Robert E. Butts. Dordrecht: Reidel, 1986.
- Klein, Jacob. "Aristotle, an Introduction." In *Jacob Klein Lectures and Essays*, edited by Robert B. Williamson and Elliott Zuckerman. Annapolis, Md.: St. John's College, 1985.
- Körner, S. *Kant*. Harmondsworth: Penguin, 1955.
- Kojève, Alexandre. *Introduction to the Reading of Hegel*, edited by A. Bloom and translated by James H. Nichols, Jr. New York: Basic Books, 1969.
- Kolb, D., ed. *New Perspectives on Hegel's Philosophy of Religion*. Albany: SUNY Press, 1992.
- Kraut, R., and T. Penner, eds. *Nature, Knowledge and Virtue: Essays in Memory of Joan Kung*. *Apeiron* Special Issue 22.4 (1989).
- Küppers, Bernd-Olaf. *Information and the Origin of Life*. Translated by Paul Woolley. Cambridge: MIT Press, 1990.
- Kuiper, B. H., and G. D. Brin. "Resource Letter ETC1: Extraterrestrial Civilization." *American Journal of Physics* 57 (1989): 12–18.
- Lagarde, G. de. "Individualisme et corporatisme au moyen âge." In *L'Organisation corporative du moyen âge à la fin de l'Ancien Régime*. Louvain: Bureaux du Recueil, Bibliothèque de l'Université, 1937.
- Laplace, Pierre Simon. *A Philosophical Essay on Probabilities*. Translated by F. W. Truscott and F. L. Emory. New York: Dover, 1951.
- Lawrence, J. "Logos and Eros: The Underlying Tension in Kant's Third Critique." *Idealistic Studies* 12 (1992): 130–43.
- Lee, Kwang-Sae. "Kant on Empirical Concepts, Empirical Laws and Scientific Theories." *Kant-Studien* 72 (1981): 398–414.
- Leslie, John. "Anthropic Predictions." *Philosophia* 23 (1994): 117–44.
- . "Efforts to Explain All Existence." *Mind* 87 (1978): 181–94.
- . *The End of the World: The Science and Ethics of Human Extinction*. London: Routledge, 1996.
- . "Mackie on Neoplatonism's 'Replacement for God'." *Religious Studies* 22 (1986): 325–42.

- . "Risking the World's End." *Bulletin of the Canadian Nuclear Society* (May 1989): 10–15. Reprinted in *Interchange* 21 (1990): 49–58.
- . "The Theory That the World Exists Because It Should." *American Philosophical Quarterly* 7 (1970): 286–98.
- . "Time and the Anthropic Principle." *Mind* 101 (1992): 521–40.
- . *Universes*. London: Routledge, 1989.
- . *Value and Existence*. Oxford: Blackwell, 1979.
- , ed. *Physical Cosmology and Philosophy*. New York: Macmillan, 1990.
- Linde, A. D. *Inflation and Quantum Cosmology*. San Diego: Academic Press, 1990.
- Locke, John. *An Essay Concerning Human Understanding*. Edited by A. C. Fraser. 2 vols. New York: Dover, 1959.
- . *Questions Concerning the Law of Nature*. Translated by Robert Horwitz, Jenny Strauss Clay, and Diskin Clay. Ithaca: Cornell University Press, 1990.
- . *The Reasonableness of Christianity*. Washington, D.C.: Regnery Gateway, 1965.
- . *The Second Treatise of Government*. Edited by Thomas Peardon. Indianapolis: Bobbs-Merrill, 1952.
- . *Two Treatises of Government*. Edited by Peter Laslett. New York: Mentor, 1965.
- Longair, M. S., ed. *Confrontation of Cosmological Theories with Observational Data*. Dordrecht: Reidel, 1974.
- Lorenz, Edward N. "Deterministic Nonperiodic Flow." *Journal of Atmospheric Science* 20 (1963): 130–41.
- Mach, Ernst. *The Science of Mechanics*. LaSalle, Ill.: Open Court, 1960.
- Machiavelli, Niccolò. *The Discourses*. In *The Prince and the Discourses*. edited by Max Lerner. New York: Random House, 1950.
- . *The Prince*. Translated by Harvey C. Mansfield, Jr. Chicago: University of Chicago Press, 1985.
- Macpherson, C. B. *The Political Theory of Possessive Individualism*. Oxford: Oxford University Press, 1962.
- Maimonides. *The Guide of the Perplexed*. Translated by Shlomo Pines. Chicago: University of Chicago Press, 1963.
- Mansfield, Harvey C., Jr. *Taming the Prince*. New York: The Free Press, 1989.
- Maritain, Jacques. *The Person and the Common Good*. Translated by John J. Fitzgerald. Notre Dame, Ind.: University of Notre Dame Press, 1966.
- . *Les Droits de l'homme et la loi naturelle*. New York: Éditions de la Maison française, 1943.
- Marsilius of Padua. *Defensor Pacis*. Translated by Alan Gewirth. Toronto: University of Toronto Press in association with the Medieval Academy of America, 1990.
- Masters, Roger D. *Beyond Relativism*. Hanover, N.H.: University Press of New England, 1993.
- . "Evolutionary Biology and Natural Right." In *The Crisis of Liberal Democracy*, edited by Kenneth L. Deutsch and Walter Soffer. New York: SUNY Press, 1987.
- Matthen, Mohan. "The Four Causes in Aristotle's Embryology." In *Nature, Knowledge and Virtue*, edited by R. Kraut and T. Penner. *Apeiron* Special Issue 22.4 (1989).
- Mayr, Ernst. *Toward a New Philosophy of Biology*. Cambridge: Harvard University Press, 1988.

- McCrea, W. H., and M. J. Rees, eds. "The Constants of Physics." *Philosophical Transactions of the Royal Society, London A* 310 (1983): 209-363.
- McFarland, John D. *Kant's Concept of Teleology*. Edinburgh: Edinburgh University Press, 1970.
- Mermin, N. D. "Spooky Actions at a Distance: Mysteries of the Quantum Theory." In *Great Ideas Today* 1988. Chicago: Encyclopedia Britannica, 1988.
- Meyer, Susan Suave. "Aristotle, Teleology, and Reduction." *Philosophical Review* 101 (1992): 791-825.
- Mill, John Stewart. *A System of Logic*. London: Longmans, Green and Co., 1941.
- Miller, Fred D., Jr. *Nature, Justice and Rights in Aristotle*. Oxford: Clarendon Press, 1995.
- Milton, John R. "The Origin and Development of the Concept of the 'Laws of Nature'." *Archives Europeennes de Sociologie* 22 (1981): 173-95.
- Monachus, Johannes. *Glossa Aurea*. Paris: n.p., 1535.
- Morowitz, Harold. *Beginnings of Cellular Life*. New Haven: Yale University Press, 1992.
- . *Energy Flow in Biology*. New York: Academic Press, 1968.
- Munitz, Milton K. *Cosmic Understanding*. Princeton: Princeton University Press, 1986.
- Neurath, O., et al., eds. *International Encyclopedia of Unified Science*. Chicago: University of Chicago Press, 1955.
- Newton, Isaac. *Philosophiæ Naturalis Principia Mathematica*. Edited by Alexandre Koyre and I. Bernard Cohen. 2 vols. Cambridge: Harvard University Press, 1972.
- . *The Mathematical Principles of Natural Philosophy*. Translated by Andrew Motte and Florian Cajori. New York: Greenwood Press, 1962.
- . *Opticks*. New York: Dover, 1979.
- Newman, James R. *The World of Mathematics*. New York: Simon and Schuster, 1956.
- Nicholas of Cusa. *De Concordantia Catholica*. Vol. 14 of *Opera Omnia*, edited by Gerhard Kallen and Anna Berger. Hamburg: Felix Meiner, 1968.
- Nicolis, G. "Stability and Dissipative Structures in Open Systems Far from Equilibrium." In *Advances in Chemical Physics*, vol. 19, edited by I. Prigogine and S. A. Rice. New York: Wiley-Interscience, 1971.
- Nicolis, G., and I. Prigogine. *Exploring Complexity*. New York: W. H. Freeman, 1989.
- . *Self-Organization in Nonequilibrium Systems*. New York: Wiley Interscience, 1977.
- Nielsen, H. B. "Random Dynamics." *Acta Physica Polonica B* 20 (1989): 427-68.
- Nussbaum, Martha C. "Aristotle." In *Ancient Writers*, edited by T. J. Luce. New York, 1982.
- . "Aristotelian Dualism: Reply to Howard Robinson." *Oxford Studies in Ancient Philosophy* 2 (1984): 197-207.
- . *Aristotle's De Motu Animalium: Text with Translation, Commentary and Interpretive Essays*. Princeton: Princeton University Press, 1978.
- . "The 'Common Explanation' of Animal Motion." In *Zweifelhaftes in Corpus Aristotelicum: Studien zu Einigen Dubia*, edited by P. Moraux and J. Wiesner. *Akten des 9. Symposium Aristotelicum*. Berlin, 1983.
- . "Review of *Substance, Body, and Soul: Aristotelian Investigations*, by E. Hartman." *Journal of Philosophy* 77(1980): 355-65.

- Oakeshott, Michael. *On Human Conduct*. Oxford: Clarendon Press, 1990.
- Ockham, William of. *Dialogus*. Edited by M. Goldast. Frankfurt: n.p., 1614.
- . *Quaestiones in librum secundum Sententiarum*, II. In *Opera Theologica*, vol. 5, edited by G. Gal and R. Wood. New York: St. Bonaventure, 1981.
- Offler, H. S. "Three Modes of Natural Law in Ockham: A Revision of the Text." *Franciscan Studies* 15 (1977): 207–18.
- Oppenheim, Paul, and Putnam, Hilary. "Unity of Science as a Working Hypothesis." In *Minnesota Studies in the Philosophy of Science*, edited by H. Feigl, M. Scriven, and G. Maxwell. Minneapolis: University of Minnesota Press, 1958.
- Orwin, Clifford. "Machiavelli's Unchristian Charity." *American Political Science Review* 72 (1978): 1217–28.
- Pagels, Heinz. "A Cozy Cosmology." In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- . *The Dreams of Reason*. New York: Simon and Schuster, 1988.
- Parfit, D. "Why Does the Universe Exist?" *Times Literary Supplement*, 3 July 1992.
- Pauli, Wolfgang. "Naturwissenschaftliche und Erkenntnistheoretische Aspekte der Ideen vom Unbewussten." *Dialectica* 8 (1954): 285.
- Penrose, Roger. "Difficulties with Inflationary Cosmology." In *Fourteenth Texas Symposium on Relativistic Astrophysics*, edited by E. J. Fenyves. New York: New York Academy of Sciences, 1989.
- . "Singularities and Time-Asymmetry." In *General Relativity*, edited by S. W. Hawking and W. Israel. Cambridge: Cambridge University Press, 1979.
- Plato. *Apology*. Translated by H. N. Fowler. In *Plato*. Vol. 1. Loeb Classical Library. Cambridge: Harvard University Press, 1982.
- . *Phaedo*. Translated by H. N. Fowler. In *Plato*. Vol. 1. Loeb Classical Library. Cambridge: Harvard University Press, 1982.
- . *Republic*. Translated by Paul Shorey. Cambridge: Harvard University Press, 1935.
- . *The Republic of Plato*. Translated by Allan Bloom. New York: Basic Books, 1968.
- Poincaré, Henri. *Science and Method*. New York: Dover, 1950.
- Polkinghorne, J. C. *One World: The Interaction of Science and Theology*. London: SPCK, 1986.
- Popper, Karl. "Scientific Reduction and the Essential Incompleteness of All Science." In *Studies in the Philosophy of Biology*, edited by F. Ayala and T. Dobzhansky. Berkeley and Los Angeles: University of California Press, 1974.
- Prigogine, I. *Étude thermodynamique des phénomènes irréversibles*. Liege, Belgium: Desoer, 1947.
- . *From Being to Becoming*. New York: W. H. Freeman, 1980.
- . "Nonequilibrium Thermodynamics and Chemical Evolution: An Overview." In *Aspects of Chemical Evolution (17th Solvay Conference on Chemistry)*, edited by G. Nicolis. New York: Wiley, 1984.
- Prigogine, I., and I. Stengers. *Order Out of Chaos*. New York: Bantam Books, 1984.
- Prigogine, I., and J. M. Wiame. "Biologie et thermodynamique des phénomènes irréversibles." *Experientia* 2 (1946): 451–53.
- Primasius of Hadrumetum. *Commentarius in Apocalypsin*. Edited by A. W. Adams. Turnhout, Belgium: Brepols, 1985.

- Prufer, Thomas. *Recapitulations*. Washington, D.C.: The Catholic University of America Press, 1993.
- Pufendorf, Samuel. *The Law of Nature and Nations*. Translated by Basil Kennett. London: n.p., 1749.
- Rand, Ayn. *The Virtue of Selfishness: A New Concept of Egoism*. New American Library, 1964.
- Rees, M. J. "Black Holes, Galactic Evolution and Cosmic Coincidences." *Interdisciplinary Science Reviews* 14 (1989): 148-61.
- Reeves, Hubert. *The Hour of Our Delight*. New York: W. H. Freeman, 1991.
- Rensberger, Boyce. "Choosing the Right Mutation?" *The Washington Post*, 20 April 1992.
- . "Science and Sensitivity." *The Washington Post*, 1 March 1992.
- Roque, Alicia Juarrero. "Self-Organization: Kant's Concept of Teleology and Modern Chemistry." *Review of Metaphysics* 39 (1985): 107-35.
- Rozental, I. L. *Big Bang, Big Bounce*. Berlin: Springer-Verlag, 1988.
- . "Physical Laws and the Numerical Values of Fundamental Constants." *Soviet Physics Uspekhi* 23 (1980): 296-305.
- Ruby, Jane E. "The Origins of Scientific 'Law'." *Journal of the History of Ideas* 57 (1986): 341-59.
- Russell, R. J., W. R. Stoeger, and G. V. Coyne, eds. *Physics, Philosophy and Theology*. Vatican City States: Vatican Observatory, 1988.
- Sachs, Mendel. *Quantum Mechanics from General Relativity*. Boston: Kluwer, 1986.
- Sakharov, A. D. "Cosmological Transitions with the Alteration of Metric Signature." *Soviet Physics JETP* 60 (1984): 214.
- Saxonhouse, Arlene. *Women in the History of Political Thought*. New York: Praeger, 1985.
- Schelling, F. W. J. *Vom Ich als Prinzip der Philosophie*. In vol. 1, bk. 1 of *Schellings Sämmtliche Werke*, edited by K. F. A. Schelling. Stuttgart: Cotta, 1856-61.
- Schrader, George. "Kant's Theory of Concepts." In *Kant A Collection of Critical Essays*, edited by Robert Paul Wolff. Garden City, N.J.: Anchor Books, 1967.
- . "The Status of Teleological Judgment in the Critical Philosophy." *Kant-Studien* 45 (1953-54): 204-35.
- Schrock, Thomas. "The Rights to Punish and Resist Punishment in Hobbes *Leviathan*." *The Western Political Quarterly* 44 (1991): 853-90.
- Schroedinger, Erwin. *What is Life?* London: Cambridge University Press, 1946.
- Schweber, Silvan. "Physics, Community and the Crisis in Physical Theory." *Physics Today* (November 1993): 34-40.
- Sedley, David. "Is Aristotle's Teleology Anthropocentric?" *Phronesis* 36 (1991): 179-96.
- Seidler, Michael. Introduction to *Samuel Pufendorf's On the natural state of men*. Translated by Michael Seidler. Lewistown, N.Y.: Edwin Mellen Press, 1990.
- Shakespeare, William. *The Complete Works of William Shakespeare*. New York: Avenel Books, 1975.
- Sikkema, A. E., and W. Israel. "Black-Hole Mergers and Mass Inflation in a Bouncing Universe." *Nature* 3 (January 1991): 45-47.
- Smart, J. J. C. *Our Place in the Universe*. Oxford: Blackwell, 1989.
- Smith, Q. "World Ensemble Explanations." *Pacific Philosophical Quarterly* 67 (1987): 73-86.
- Smith, R. W. *The Expanding Universe*. Cambridge: Cambridge University Press, 1982.

- Smolin, L. "Did the Universe Evolve?" *Classical and Quantum Gravity* 9 (1991): 173-91.
- Sorabji, Richard. *Necessity, Cause, and Blame: Perspectives on Aristotle's Theory*. Ithaca: Cornell University Press, 1980.
- Spinoza, Benedict. *The Ethics*. In *Spinoza, On the Improvement of the Understanding, the Ethics, Correspondence*, translated by R. H. M. Elwes. New York: Dover, 1955.
- . *A Theologico-Political Treatise and a Political Treatise*. Translated by R. H. M. Elwes. New York: Dover, 1951.
- Stent, Gunther. "Light and Life: Niels Bohr's Legacy to Contemporary Biology." In *Niels Bohr: Physics and the World*, edited by H. Feshbach, T. Matsui, and A. Oleson. New York: Harwood, 1988.
- Straus, Erwin. *Phenomenological Psychology*. New York: Basic Books, 1966.
- Strauss, Leo. *Natural Right and History*. Chicago: University of Chicago Press, 1953.
- . "An Epilogue." In *Essays on the Scientific Study of Politics*, ed. Herbert J. Storing (New York: Holt, Rinehart and Winston, 1962) Reprinted in *Liberalism Ancient and Modern*. New York: Basic Books, 1968.
- . *The City and Man*. Chicago: University of Chicago Press, 1964.
- . "Marsilius of Padua." In *History of Political Philosophy*, edited by Leo Strauss and Joseph Cropsey. Chicago: University of Chicago Press, 1987.
- . "Political Philosophy and the Crisis of Our Time." In *The Post-Behavioral Era*, edited by George J. Graham and George W. Carey. New York: David McKay, 1972.
- . *Studies in Platonic Political Philosophy*. Edited by Thomas L. Pangle. Chicago: University of Chicago Press, 1983.
- . "The Three Waves of Modernity." In *Political Philosophy: Six Essays by Leo Strauss*, edited by Hilail Gildin. Indianapolis: Bobbs-Merrill, 1975.
- . *Thoughts on Machiavelli*. Seattle: University of Washington Press, 1969.
- Squires, E. J. "Do We Live in the Simplest Possible Interesting World?" *European Journal of Physics* 2 (1981): 55-57.
- Steigman, G. "Confrontation of Antimatter Cosmologies with Observational Data." In Longair, M. S., ed. *Confrontation of Cosmological Theories with Observational Data*. Dordrecht: Reidel, 1974.
- Suarez, Francisco. *De Legibus*. Edited by Luciano Parena. Madrid: Consejo Superior de Investigaciones Cientificas, Instituto de Francisco de Vitoria, 1971.
- . *De Triplici Virtute Theologica: De Caritate*. In vol. 13 of *Opera Omnia*, edited by Charles Berton. Paris: Vives, 1859.
- Suppe, Frederick. *The Semantic Conception of Theories and Scientific Realism*. Urbana: University of Illinois Press, 1989.
- Sylvan, R. "Toward an Improved Cosmo-Logical Synthesis." *Grazer Philosophische Studien* 25/26 (1986): 135-79.
- Tierney, Brian. "Aristotle and the American Indians—Again." *Cristianesimo nella storia* 12 (1991): 295-322.
- . "Conciliarism, Corporatism, and Individualism: The Doctrine of Individual Rights in Gerson." *Cristianesimo nella storia* 9 (1988): 81-111.
- . "1492: Medieval Natural Rights Theories and the Discovery of America." In *Moral and Political Philosophies in the Middle Ages*, edited by J. Carlos Bazan, Eduardo Andujar, and Leonardo Sproccchi. Ottawa: Legas, 1995.

- . "Marsilius on Rights." *Journal of the History of Ideas* 52 (1991): 5–17.
- . "Natural Rights in the Thirteenth Century: A Quaestio of Henry of Ghent." *Speculum* 67 (1992): 58–68.
- . "Origins of Natural Rights Language: Texts and Contexts, 1150–1250." *History of Political Thought* 10 (1989): 615–46.
- . "Tuck on Rights, Some Medieval Problems." *History of Political Thought* 4 (1983): 429–40.
- . "Villey, Ockham and the Origin of Individual Rights." In *The Weightier Matters of the Law*, edited by John Witte, Jr. and Frank Alexander. Studies in Religion, no. 51. American Academy of Religion. Atlanta: Scholars Press, 1988.
- Tipler, Frank J. "The Anthropic Principle: A Primer for Philosophers." In *Proceedings of the 1988 Biennial Meeting of the Philosophy of Science Association*, edited by A. Fine and J. Leplin. East Lansing, Mich.: PSA, 1–989.
- . "Extraterrestrial Intelligent Beings Do Not Exist." In *Frontiers of Modern Physics*, edited by T. Rothman, et al. New York: Dover, 1985.
- Tryon, E. P. "Is the Universe a Vacuum Fluctuation?" In *Physical Cosmology and Philosophy*, edited by John Leslie. New York: Macmillan, 1990.
- Tuck, Richard. *Natural Rights Theories: Their Origin and Development*. Cambridge: Cambridge University Press, 1979.
- Tucker, Robert C. *The Soviet Political Mind: Studies in Stalinism and Post-Stalin Change*. New York: Praeger, 1963.
- Tully, James. *A Discourse on Property: John Locke and His Adversaries*. Cambridge: Cambridge University Press, 1980.
- Turing, Alan. "The Chemical Basis of Morphogenesis." *Philosophical Transactions of the Royal Society of London* B237 (1952): 37–72.
- Vilenkin, A. "Creation of Universes from Nothing." *Physics Letters* 117B (1982): 25–28.
- Villey, Michel. *La Formation de la pensée juridique moderne*. Paris: Dalloz, 1975.
- . "Genèse du droit subjectif chez Guillaume d'Occam." *Archives de philosophie du droit* 9 (1964): 97–127.
- Wallace, William A. "Aquinas's Legacy on Individuation, Cogitation, and Hominization." In *Thomas Aquinas and His Legacy*, edited by David Gallagher. Studies in Philosophy and the History of Philosophy, vol. 28. Washington, D.C.: The Catholic University of America Press, 1994.
- . "Cosmological Arguments and Scientific Concepts." In *From a Realist Point of View*. Washington, D.C.: The Catholic University of America Press, 1983.
- . "The Intelligibility of Nature: A Neo-Aristotelian View." *Review of Metaphysics* 38 (1984): 33–56.
- . "Nature as Animating: The Soul in the Human Sciences." *The Thomist* 49 (1985): 612–48.
- . "Nature, Human Nature, and Norms for Medical Ethics." In *Catholic Perspectives on Medical Morals: Foundational Issues*, edited by E. D. Pellegrino, J. P. Langan, and J. C. Harvey. Philosophy and Medicine, vol. 34. Boston: Kluwer Academic Publishers, 1989.
- Wardy, Robert. "Aristotelian Rainfall or the Lore of Averages." *Phronesis* 38 (1993): 18–30.
- Waterlow [Broadie], Sarah. *Nature, Change and Agency in Aristotle's Physics*. Oxford: Clarendon Press, 1982.

- Weber, Bruce H., David J. Depew, and James D. Smith, eds. *Entropy, Information, and Evolution*. Cambridge: MIT Press, 1990.
- Weinberg, S. "The Cosmological Constant Problem." *Reviews of Modern Physics* 61 (1989): 1-23.
- Weisheipl, J. A. "The Axiom 'Opus naturea est opus intelligentiae' and Its Origins." In *Albertus Magnus—Doctor Universalis 1280-1980*, edited by G. Meyer and A. Zimmerman. Mainz, Germany: Matthias-Grünwald-Verlag, 1980.
- Wheeler, J. A. "Beyond the Black Hole." In *Some Strangeness in the Proportion: A Centennial Symposium to Celebrate the Achievements of Albert Einstein*, edited by Harry Wolff. Reading, Mass.: Addison-Wesley, 1980.
- . "Genesis and Observership." In *Foundational Problems in the Special Sciences*, edited by R. E. Butts and J. Hintikka. Dordrecht: Reidel, 1977.
- Whitehead, Barbara D. "Dan Quayle was Right." *The Atlantic Monthly*, April 1993.
- Whitrow, G. J. "Why Physical Space Has Three Dimensions." *British Journal for the Philosophy of Science* 6 (1955): 13-31.
- Wicken, Jeffrey. "Thermodynamics, Evolution, and Emergence." In *Entropy, Information, and Evolution*, edited by Bruce H. Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- Wieland, W. *Die aristotlesche Physik*. Göttingen, Germany: Vandenhoeck Ruprecht, 1970.
- Wiley, E. O. "Entropy and Evolution." In *Entropy, Information, and Evolution*, edited by Bruce H. Weber, David J. Depew, and James D. Smith. Cambridge: MIT Press, 1990.
- Will, George F. "The Tragedy of Illegitimacy." *The Washington Post*, 31 October 1993.
- Williams, Robert R. *Recognition: Fichte and Hegel on the Other*. Albany: SUNY Press, 1991.
- Wolff, Christian. *Institutiones Iuris Naturae et Gentium*. Vol. 26 of *Gesammelte Werke*. Halle, 1750.
- Wooten, D. "Lucien Febvre and the Problem of Unbelief in the Early Modern Period." *Journal of Modern History* 60 (1988): 695-730.
- Wright, Larry. *Teleological Explanations*. Berkeley and Los Angeles: University of California Press, 1976.
- Yockey, Hubert. *Information Theory and Molecular Biology*. Cambridge: Cambridge University Press, 1992.
- Zel'dovich, Y. B. "Birth of the Closed Universe and the Anthropogenic Principle." *Soviet Astronomy Letters* 7 (1981): 322-24.
- Zhabotinskii, A. M. "Periodic Movement in Oxidation of Malonic Acid in Solution" (in Russian). *Biofizika* 9 (1964): 306-11.
- Zycinski, J. M. "The Anthropic Principle and Teleological Interpretations of Nature." *Review of Metaphysics* 41 (1987): 317-33.