

BIBLIOGRAPHY

Abramovitz, Moses. 1989. *Thinking about Growth, and other essays on economic growth and welfare*. Cambridge: Cambridge University Press.

Abu-Lughod, Janet L. 1989. *Before European Hegemony: The World System A.D. 1250-1350*. Oxford: Oxford University Press.

Alchian, Armen A. 1989. Property Rights. In *The New Palgrave The Invisible Hand*, ed. John Eatwell, Murray Milgate, and Peter Newman. London: The Modern Library.

Alic, John, Lewis Branscomb, Harvey Brooks, Ashton Carter and Gerald Epstein. 1992. *Beyond Spinoff: Military and commercial technologies in a changing world*. Cambridge: Harvard University Business School Press.

Amato, Ivan. 1997. *Stuff: The materials the world is made of*. New York: Basic Books.

Amsden, Alice H. 1989. *Asia's Next Giant: South Korea and Late Industrialization*. Oxford: Oxford University Press.

Angyal, Andras. 1939. The Structure of Wholes. *Philosophy of Science* 6 (January): 25-37.

Archer, Margaret. 1985. Structuration Versus Morphogenesis. In *Macro-Sociological Theory: Perspectives on Sociological Theory*, ed. S.N. Eisenstadt and H.J. Helle. Newbury Park, CA: Sage Publications.

Aristotle. 1996. *Physics*. Oxford: Oxford University Press.

Aristotle. 1998. *The Metaphysics*. Introduction by Hugh Lawson-Tancred. London: Penguin Classics.

Arrighi, Giovanni. 1994. *The Long Twentieth Century: Money, power, and the origins of our times*. New York: Verso.

Arrow, Kenneth J. 1962. The Economic Implications of Learning by Doing. *Review of Economic Studies* 29 (June): 155-73.

Arthur, W. Brian. 1997. *Increasing Returns and Path Dependence in the Economy*. Ann Arbor: University of Michigan Press.

Ashburn, Anderson. 1988. The Machine Tool Industry: The Crumbling Foundation. In *Is New Technology Enough?: Making and Remaking U. S. Basic Industries*, ed. Donald A. Hicks, Washington, D.C.: American Enterprise Institute.

- Ashtor, Eliyahu. 1978. Underdevelopment in the Pre-industrial Era: The Case of Declining Economies. *Journal of European Economic History* 7 (Fall): 285-310.
- Bachrach, Peter and Morton Baratz. 1970. *Power and Poverty: Theory and Practice*. New York: Oxford University Press.
- Baldwin, David A. 1979. Power Analysis and World Politics: New Trends versus Old Tendencies. *World Politics* 31 (January): 161-74.
- Basalla, George. 1988. *The Evolution of Technology*. Cambridge UK:Cambridge University Press.
- Baumol, William J., Richard Nelson, and Edward Wolff. 1994. *Convergence of Productivity: Cross-national studies and historical evidence*. Oxford: Oxford University Press.
- Bertalanffy, Ludwig Von. 1968. *General Systems Theory*. New York: Braziller.
- Blaug, Mark. 1996. *Economic Theory in Retrospect*. 5th ed. Cambridge: Cambridge University Press.
- Boucher, Tom. 1981. Technical Change, Capital Investment, and Productivity in U.S. Metalworking Industries. In *Aggregate and Industry-Level Productivity Analyses*, ed. Ali Dogramaci and Nabil R. Adam. The Hague:Martinus Nijhoff
- Brady, Robert A. 1961. *Organization, Automation, and Society*. Berkeley:University of California Press.
- Branscomb, Lewis M. 1993. *Empowering Technology: Implementing a U.S. Strategy*. Cambridge: MIT Press.
- Braudel, Fernand. 1979. *The Perspective of the World*. Berkeley: University of California Press.
- Bresnahan, Timothy F. and M. Trajtenberg. 1995. General purpose technologies 'Engine of growth'? *Journal of Econometrics* 65: 83-108.
- Buckley, Walter, ed. 1968. *Modern Systems Research for the Behavioral Scientist: A Sourcebook*. Chicago: Aldine Publishing.
- Bull, Hedley. 1977. *The Anarchical Society: A Study of Order in World Politics*. New York: Columbia University Press.
- Bunge, Mario. 1979. *Causality and Modern Science*. 3rd ed. New York:Dover.

Bureau of Economic Analysis. 1997. *United States Statistical Abstract*. Washington, D.C.: U.S. Department of Commerce.

Bureau of Economic Analysis. 1998. *Fixed Reproducible Tangible Wealth of the United States, 1925-96 (CD-ROM)*. Washington, D.C.: U.S. Department of Commerce.

Campbell, Neil A., Jane B. Reece, and Lawrence G. Mitchell. 1999. *Biology*. 5th ed. New York: Addison-Wesley Publishing Company.

Carlsnaes, Walter. 1992. The Agency-Structure Problem in Foreign Policy Analysis. *International Studies Quarterly* 36: 245-70.

Cederman, Lars-Erik. 1994. Emergent Polarity: Analyzing State-Formation and Power Politics. *International Studies Quarterly* 38: 501-33.

Cederman, Lars-Erik. 1997. *Emergent Actors in World Politics: How States and Nations Develop and Dissolve*. Princeton: Princeton University Press.

Chandler, Alfred D., Jr. 1977. *The Visible Hand: The Managerial Revolution in American Business*. Cambridge: Belknap Harvard.

Chandler, Alfred D., Jr. 1990. *Scale and Scope: The dynamics of industrial capitalism*. Cambridge : Belknap Harvard.

Chase-Dunn, Christopher. 1989. *Global Formation: Structures of the World-Economy*. Cambridge :Blackwell.

Chesnais, Francois. 1981. Schumpeterian Recovery and the Schumpeterian Perspective -- Some Unsettled Issues and Alternative Interpretations. In *Emerging Technologies: Consequences for Economic Growth, Structural Change, and Employment*, ed. Herber Giersch.

Chudnovsky, Daniel and Masafumi Nagao. 1983. *Capital Goods Production in the Third World: An Economic Study of Technology Acquisition*. London: Frances Pinter.

Clark, John Bates. 1927. *The Distribution of Wealth: A Theory of Wages, Interest and Profits*. New York: MacMillan Company.

Clark, Victor S. 1949. *History of Manufactures in the United States, Volume III, 1893-1928*. New York: Peter Smith.

Clough, Shepard B. 1968. *European Economic History: The Economic Development of Western Civilization*. Revised Ed. New York: McGraw-Hill.

Cobb, Charles W. and Paul H. Douglas. 1928. A Theory of Production. *American Economic Review* 18 (March): 139-72.

- Corcoran, William J. 1990. The Machine Tool Industry under Fire. In *The Promise of American Industry: An Alternative Assessment of Problems and Prospects*, ed. Donald L. Losman and Shu-Jan Liang, New York: Quorum Books.
- Darwin, Charles. 1964. *On the Origin of Species*. 1st ed. Cambridge:Harvard University Press.
- Davies, R.W., Mark Harrison, and S.G. Wheatcroft. 1994. *The Economic Transformation of the Soviet Union, 1913-1945*. Cambridge: Cambridge University Press.
- Dawkins, Richard. 1996. *The Blind Watchmaker: Why the evidence of evolution reveals a universe without design*. 2nd ed. New York: W. W. Norton.
- De Long J. Bradford and Lawrence J. Summers. 1991. Equipment Investment and Economic Growth. *Quarterly Journal of Economics* 106 (May): 445-502.
- DeAngelis, D.L., W.M. Post and C.C. Travis. 1986. *Positive Feedback in Natural Systems*. Berlin: Springer-Verlag.
- DeBresson, Chris. 1987. *Understanding Technological Change*. Black Rose Books.
- Dehio, Ludwig. 1962. *The Precarious Balance: Four centuries of the European power struggle*. Charles Fullman, trans. New York: Alfred A. Knopf.
- Demsetz, Harold. 1967. Toward a Theory of Property Rights. *American Economic Review* 57 (May): 347-59
- Denison, Edward F. 1967. *Why growth rates differ: Postwar experience in nine Western countries*. Washington:D.C. The Brookings Institution.
- Derry, T.K. and Trevor I. Williams. 1960. *A Short History of Technology: From earliest times to A.D. 1900*. New York: Dover.
- Diderot, Denis. 1959. *A Diderot Pictorial Encyclopedia of Trades and Industry*. New York: Dover.
- Dobb, Maurice. 1960. *An Essay on Economic Growth and Planning*. New York: Monthly Review Press.
- Domar, Evsey D. 1957. *Essays in the Theory of Economic Growth*. Oxford: Oxford University Press.
- Easton, David. 1957 (1990). The Analysis of Political Systems. In *Comparative Politics: Notes and Readings*, eds. Roy C. Macridis and Bernard E. Brown. 7th ed. Pacific Grove, CA: Brooks/Cole.

- Eckstein, Otto, C. Caton, R. Brinner and P. Duprey. 1984. *DRI Report on U.S. Manufacturing Industries*. New York: McGraw-Hill.
- Economic Commission for Europe. Various Issues. *Bulletin of Statistics on World Trade in Engineering Products*. New York: United Nations.
- Evans, Peter B., Dietrich Rueschemeyer and Theda Skocpol, eds. 1985. *Bringing the State Back In*. Cambridge: Cambridge University Press.
- Evans, Peter. 1995. *Embedded Automation: States and Industrial Transformation*. Princeton: Princeton University Press.
- Fel'dman, G. A. 1964. On the Theory of Growth Rates of National Income, I. In *Foundations of Soviet Strategy for Economic Growth: Selected Soviet Essays, 1924-1930*, ed. Nicolas Spulber. Bloomington, Indiana: Indiana University Press.
- Ford, Andrew. 1999. *Modeling the Environment: An introduction to system dynamics modeling of environmental systems*. Washington, D.C.: Island Press.
- Fransman, Martin. 1986. Introduction. In *Machinery and Economic Development*, ed. Fransman, Martin, New York: St. Martin's Press
- Freeman, Chris and Luc Soete. 1997. *The Economics of Industrial Innovation*. 3rd ed. Cambridge MA: MIT Press.
- Galbraith, John Kenneth. 1945. Germany Was Badly Run. *Fortune* (December): 173-200
- George, Alexander L. 1979. Case Studies and Theory Development: The Method of Structured, Focused Comparison. In *Diplomacy: New Approaches in History, Theory, and Policy*, ed. Paul Gordon Lauren. New York: Free Press.
- Gerschenkron, Alexander. 1962. *Economic Backwardness in Historical Perspective*. Cambridge MA: Belknap Harvard.
- Gerth, H.H. and C. Wright Mills. 1946. Intellectual Orientations. In *From Max Weber: Essays in sociology*, eds. H.H. Gerth and C. Wright Mills. Oxford: Oxford University Press
- Gilpin, Robert. 1975. *U.S. Power and the Multinational Corporation*. New York: Basic Books.
- Gilpin, Robert. 1981. *War and Change in World Politics*. Cambridge UK: Cambridge University Press.

- Goldstein, Joshua S. 1988. *Long Cycles: Prosperity and War in the Modern Age*. New Haven CT: Yale University Press.
- Gordon, David M. 1996. *Fat and Mean: The corporate squeeze of working Americans and the myth of managerial downsizing*. New York: Free Press.
- Green, Eric Marshall. 1996. *Economic Security and High Technology Competition in an Age of Transition: The Case of the Semiconductor Industry*. New York: Praeger.
- Habakkuk, H.J. 1967. *American and British Technology in the 19th Century: The Search for Labour-saving Inventions*. Cambridge UK: Cambridge University Press.
- Hall, A. Rupert. 1962. The Changing Technical Act. *Technology and Culture* (Winter): 501-15.
- Harcourt, G. C.. 1969. Some Cambridge Controversies in the Theory of Capital. *Journal of Economic Literature* 7 (June): 369-405.
- Harrison, Mark. 1988. Resource mobilization for World War II: The U.S.A., U.K., U.S.S.R., and Germany, 1938-1945. *Economic History Review* 41: 171-92.
- Heilbroner, Robert. 1994. Do machines make history?. In *Does Technology Drive History?: The dilemma of technological determinism*, ed. Merritt Roe Smith and Leo Marx, Cambridge MA: MIT Press.
- Helpman, Elhanan. 1998. *General Purpose Technologies and Economic Growth*. Cambridge MA: MIT Press.
- Herrigel, Gary B. 1989. Industrial Order and the Politics of Industrial Change: Mechanical Engineering. In *Industry and Politics in West Germany: Toward the Third Republic*, ed. Peter J. Katzenstein. Ithaca, NY: Cornell University Press.
- Hillmann, H.C. 1952. Comparative Strength of the Great Powers in *Survey of International Affairs 1939-1946*. eds. Arnold Toynbee and Frank T. Ashton. Oxford: Oxford University Press.
- Hoagland, Mahlon and Bert Dodson. 1995. *The Way Life Works: The Science Lover's illustrated guide to how life grows, develops, reproduces, and gets along*. New York: Times Books.
- Hobson, John A. 1902. *The Evolution of Modern Capitalism*. London: The Walter Scott Publishing Co.
- Hoffmann, W. G. 1958. *The Growth of Industrial Economies*. Manchester, UK: Manchester University Press.

- Holland, Max. 1989. *When the Machine Stopped: A Cautionary Tale from Industrial America*. Cambridge: Harvard University Business School Press.
- Holsti, Kalevi J. 1991. *Peace and War: Armed Conflicts and International Order, 1648-1989*. Cambridge: Cambridge University Press.
- Holte, John. ed. 1993. *Chaos: The New Science, Nobel Conference XXVI*. Lanham, MD: University Press of America.
- Hugill, Peter J. 1993. *World Trade since 1431: Geography, Technology, and Capitalism*. Baltimore: Johns Hopkins University Press.
- Jerome, Harry. 1934. *Mechanization in Industry*. New York: National Bureau of Economic Research.
- Jervis, Robert. 1997. *System Effects: Complexity in Political and Social Life*. Princeton: Princeton University Press.
- Johnson, Martin. 1952. The Meanings of Time and Space in Philosophies of Science. *American Scientist* 412-21.
- Jones, Charles I. 1998. *Introduction to Economic Growth*. New York: W. W. Norton.
- Jones, Charles I.. 1995. Time Series Tests of Endogenous Growth Models. *Quarterly Journal of Economics* (May): 495-525.
- Kaiser, David. 1990. *Politics and War: European conflict from Philip II to Hitler*. Cambridge MA: Harvard University Press.
- Katz, Arnold J. and Shelby W. Herman. 1997. Improved Estimates of Fixed Reproducible Tangible Wealth, 1929-95. *Survey of Current Business* (May): 69-84.
- Kennedy, Paul. 1987. *The Rise and Fall of the Great Powers: Economic Change and Military Conflict from 1500 to 2000*. New York:Random House.
- Kindleberger, Charles P. 1993. *A Financial History of Western Europe*. 2nd ed. Oxford: Oxford University Press.
- Kindleberger, Charles P. 1996. *World Economic Primacy: 1500-1990*. Oxford: Oxford University Press.
- Knorr, Klaus. 1956. *The War Potential of Nations*. Princeton: Princeton University Press.
- Kodama, Fumio. 1995. *Emerging Patterns of Innovation: Sources of Japan's technological edge*. Boston: Harvard Business School Press.

Kravis, Irving B., Alan Heston and Robert Summers. 1978. *International Comparisons of Real Product and Purchasing Power. UN and World Bank*. Baltimore: John Hopkins University Press.

Kuhn, Thomas S. 1970. *The Structure of Scientific Revolutions*. 2nd ed. Chicago: University of Chicago Press.

Kurth, James R. 1979. Political Consequences of the Product Cycle: Industrial History and Political Outcomes. *International Organization* 33 (Winter): 1-34.

Kurz, Heinz D. 1990. Debates in Capital Theory. In *The New Palgrave Capital Theory*, ed. John Eatwell, Murray Milgate, and Peter Newman. London: W. W. Norton.

Kuznets, Simon. 1959. *Six Lectures on Economic Growth*. New York: Free Press.

Kuznets, Simon. 1964. *Postwar Economic Growth: Four Lectures*. Cambridge: Harvard University Press.

Kuznets, Simon. 1965. *Economic Growth and Structure: Selected Essays*. New York: W. W. Norton.

Lakatos, Imre and Alan Musgrave, eds. 1970. *Criticism and the Growth of Knowledge*. Cambridge: Cambridge University Press.

Landes, David S. 1969. *The Unbound Prometheus: Technological change and industrial development in Western Europe from 1750 to the present*. Cambridge UK: Cambridge University Press.

Laszlo, Ervin. 1996. *The Systems View of the World: A Holistic Vision for Our Time*. Cresskill, NJ: Hampton Press.

Lawson, Ann M. and D. A. Teske. 1994. Benchmark Input-Output Accounts for the U.S. Economy, 1987. *Survey of Current Business* (April): 73-115

League of Nations. 1927. *International Economic Conference, Geneva, May 1927: Mechanical Engineering: Volume 1*. Geneva: League of Nations Economic and Financial Section.

League of Nations. 1945. *Industrialization and Foreign Trade*. USA: League of Nations Secretariat, Economic, Financial and Transit Department.

Lebow, Irwin. 1995. *Information Highways and Byways: From the telegraph to the 21st century*. New York: IEEE Press.

Leontief, Wassily. 1986. *Input-Output Economics*. 2nd ed. Oxford: Oxford University Press.

- Levy, Jack. 1983. *War in the Modern Great Power System 1495-1975*. Lexington: University of Kentucky Press.
- Liberman, Peter. 1993. The Spoils of Conquest. *International Security* 18 (Fall): 125-153.
- Lilley, S. 1965. *Men, Machines, and History*. Revised and Enlarged Edition. New York: International Publishers.
- Lipsey, Richard G., Cliff Bekar, and Kenneth Carlaw. 1998. What requires explanation? In *General Purpose Technologies and Economic Growth*, ed. Elhanan Helpman. Cambridge: MIT Press
- List, Friedrich. 1885. *The National System of Political Economy*. Trans. S.S. Lloyd. New York: Augustus M. Kelley.
- Locke, Robert R. 1984. *The End of the Practical Man: Entrepreneurship and Higher Education in Germany, France, and Great Britain, 1880-1940*. Greenwich, CT: JAI Press, Inc.
- Lowe, Adolph. 1965. *On Economic Knowledge: Toward a Science of Political Economics*. New York: Harper & Row Publishers.
- Lowe, Adolph. 1987. *Essays in Political Economics: Public Control in a Democratic Society*. New York: New York University Press.
- Luard, Evan, ed. 1992. *Basic Texts in International Relations*. New York: St. Martin's Press.
- Lukes, Steven. 1986. Introduction. In *Power*, Steven Lukes, ed. New York: New York University Press.
- Lum, Sherlene K.S. and Robert E. Yuskavage. 1997. Gross Product by Industry, 1947-96. *Survey of Current Business* (November): 20-34.
- Lundestad, Geir. 1994. *The Fall of the Great Powers: Peace, Stability, and Legitimacy*. Oxford: Oxford University Press.
- Lustick, Ian. 1997. The Absence of Middle Eastern Great Powers: Political "Backwardness" in Historical Perspective. *International Organization* 51 (Autum): 653-83
- Machiavelli, Niccolo. 1979. *The Portable Machiavelli*. London: Penguin Books.
- Machine Tool Panel, National Academy of Engineering and National Research Council. 1983. *The Competitive Status of the U. S. Machine Tool Industry: A Study of the*

Influences of Technology in Determining International Industrial Advantage. Washington, D.C.

Maddison, Angus. 1983. A Comparison of Levels of GDP Per Capita in Developed and Developing Countries, 1700-1980. *Journal of Economic History* 43 (March): 27-41.

Maddison, Angus. 1995. *Monitoring the World Economy 1820-1992*. Paris: OECD.

Mann, Michael. 1985 (1990). The Autonomous Power of the State. In *Comparative Politics: Notes and Readings*, eds. Roy C. Macridis and Bernard E. Brown. 7th ed. Pacific Grove, CA: Brooks/Cole.

Maruyama, Magorah. 1963. The Second Cybernetics: Deviation-Amplifying Mutual Causal Processes. *American Scientist* (June): 164-79.

Masterman, Margaret. 1970. The Nature of a Paradigm. In *Criticism and the Growth of Knowledge*, Lakatos, Imre and Alan Musgrave, eds. Cambridge: Cambridge University Press.

Mayr, Ernst. 1997. *This is Biology: The Science of the Living World*. Cambridge: Harvard University Press.

McNeill, William H. 1963. *The Rise of the West: A history of the human community*. Chicago: University of Chicago Press.

McNeill, William H. 1976. *Plagues and Peoples*. New York: Doubleday.

McNeill, William H. 1982. *The Pursuit of Power: Technology armed force and society since A.D. 1000*. Chicago: University of Chicago Press.

McNeill, William H. 1992. *The Global Condition: Conquerors, Catastrophes, & Community*. Princeton: Princeton University Press.

Mechanical Engineering. 1928. The Machinery Industry of the World. *Mechanical Engineering* 50 (April): 285-90.

Melman, Seymour. 1983. *Profits without Production*. New York: Alfred A. Knopf.

Melman, Seymour. 1985. *The Permanent War Economy: American capitalism in decline*. Revised ed. New York: Simon & Schuster.

Mill, John Stuart. 1965 (1848). *Principles of Political Economy*. New York: A.M. Kelley.

Milsum, John H. Editor. 1968. *Positive Feedback: A General Systems Approach to Positive/Negative Feedback and Mutual Causality*. Oxford: Pergamon Press.

Milward, Alan S. 1977. *War Economy and Society: 1939-1945*. Berkeley CA: University of California Press.

Misa, Thomas J. 1985. Military Needs, Commercial Realities, and the Development of the Transistor, 1948-1958. In *Military Enterprise and Technological Change: Perspectives on the American Experience*, ed. Merritt Roe Smith. Cambridge MA:MIT Press

Modelski, George and William R. Thompson. 1996. *Leading Sectors and World Powers: The Coevolution of Global Politics and Economics*. University of South Carolina Press.

Mokyr, Joel. 1990. *The Lever of Riches: Technological Creativity and Economic Progress*. Oxford: Oxford University Press.

Morgenthau, Hans J. 1973. *Politics among Nations*. 5th ed. New York: Alfred A. Knopf.

Nagel, Ernest. 1961. *The Structure of Science: Problems in the Logic of Scientific Explanation*. New York: Harcourt, Brace & World.

National Advisory Committee on Semiconductors. 1990. *Preserving the Vital Base: America's Semiconductor Materials and Equipment Industry*. Washington, DC:U.S. Government Printing Office.

National Machine Tool Builders Association. Various Issues. *Economic Handbook of the Machine Tool Industry*. McLean VA: National Machine Tool Builders' Association.

Nelson, Richard R. 1993. *National Innovation Systems: A Comparative Analysis*. Nelson Richard R.. Oxford: Oxford University Press.

North, Douglass C. 1981. *Structure and Change in Economic History*. New York: W. W. Norton.

North, Douglass C. 1990. *Institutions, Institutional Change and Economic Performance*. Cambridge: Cambridge University Press.

Nove, Alec. 1992. *An Economic History of the USSR: 1917-1991*. Final Edition. London: Penguin Press.

Nye, Joseph S., Jr. 1990. *Bound to Lead: the Changing Nature of American Power*. USA: Basic Books.

O'Neill, R.V., D.L. DeAngelis, J.B. Waide, and T.F.H. Allen. 1986. *A Hierarchical Concept of Ecosystems*. Princeton: Princeton University Press.

OEEC 1961. Organization for European Economic Co-operation. 1961. *The Engineering Industries in Europe*. Paris :Organization for European Economic Co-operation.

- OEEC 1973. Organization for Economic Co-operation and Development. 1973. *The Engineering Industries in OECD Member Countries, New Basic Statistics, 1963-1970, Volume II*. Paris: OECD.
- Olson, Mancur. 1982. *The Rise and Decline of Nations*. New Haven CT: Yale University Press.
- Organization for Economic Co-operation and Development. 1985. *Purchasing Power Parities*. Paris: OECD.
- Organski, A.F.K. 1968. *World Politics*. 2nd ed. New York: Alfred A. Knopf.
- Organski, A.F.K. and Jacek Kugler. 1980. *The War Ledger*. Chicago: University of Chicago Press.
- Overy, R. J. 1995. *Why the Allies Won*. New York: W. W. Norton.
- Pacey, Arnold. 1990. *Technology in World Civilization*. Cambridge: MIT Press.
- Pacey, Arnold. 1992. *The Maze of Ingenuity: Ideas and idealism in the development of technology*. Cambridge: MIT Press.
- Pack, Howard. 1994. Endogenous Growth Theory: Intellectual Appeal and Empirical Shortcomings. *Journal of Economic Perspectives* 8 (Winter): 55-72
- Penn World Table. Robert Summers and Alan Heston, eds. 1991. The Penn World Table (Mark5): An Expanded Set of International Comparisons:1950-1988. *Quarterly Journal of Economics* 106: 327-68.
- Phillips, D.C. 1976. *Holistic Thought in Social Science*. Stanford: Stanford University Press.
- Poggi, Gianfranco. 1990. *The State: Its Nature, Development, and Prospects*. Stanford: Stanford University Press.
- Polanyi, Karl. 1944. *The Great Transformation: The political and economic origins of our time*. Boston: Beacon Press
- Pollard, Sidney. 1982. *Peaceful Conquest*. 2nd ed. Oxford: Oxford University Press.
- Porter, Bruce D. 1994. *War and the rise of the state: The military foundations of modern politics*. New York: Free Press.
- Pratten, Clifford F. 1980. The Manufacture of Pins. *Journal of Economic Literature* 18 (March): 93-6.

- Pursell, Carroll. 1995. *The Machine in America: A social history of technology*. Baltimore: Johns Hopkins University Press.
- Quigley, Carroll. 1961. *The Evolution of Civilizations*. Indianapolis: Liberty Fund.
- Raj, K.N. 1967. Role of the Machine Tools Sector in Economic Growth. In *Socialism, Capitalism and Economic Growth*, ed. C.H. Feinstein. Cambridge UK: Cambridge University Press.
- Ricardo, David. 1970. *The Works and Correspondence of David Ricardo*. P. Sraffa, ed. Cambridge: Cambridge University Press.
- Rogoff, Kenneth. 1996. The Purchasing Power Parity Puzzle. *Journal of Economic Literature* 34 ,(June): 647-68.
- Rolt, L.T.C. 1965. *A Short History of Machine Tools*. Cambridge: MIT Press.
- Romer, Paul M.. 1986. Increasing Returns and Long-Run Growth. *Journal of Political Economy* 94: 1002-1037
- Romer, Paul M.. 1990. Endogenous Technological Change. *Journal of Political Economy* 98: s71-s102
- Rosenberg, Nathan. 1972. *Technology and American Economic Growth*. Armonk NY:M.E. Sharpe.
- Rosenberg, Nathan. 1976. *Perspectives on Technology*. Cambridge UK: Cambridge University Press.
- Rosenberg, Nathan. 1982. *Inside the Black Box: Technology and economics*. Cambridge UK: Cambridge University Press.
- Rosenbloom, Richard S and William J. Spencer. 1996. *Engines of Innovation: U.S. Industrial research at the end of an era*. Cambridge MA: Harvard University Business School Press.
- Rostow, W.W. 1990. *The Stages of Economic Growth: A Non-Communist Manifesto*. 3rd ed. Cambridge: Cambridge University Press.
- Rostow, W.W. 1990. *Theorists of Economic Growth from David Hume to the Present: With a Perspective on the Next Century*. New York: Oxford University Press.
- Rowen and Wolf, eds. 1990. *The Impoverished Superpower: Perestroika and the Soviet Military Burden*. San Francisco, CA: ICS Press.

- Samuelson, Paul. 1975. *Economics*. New York: McGraw-Hill.
- Sass, Stephen L. 1998. *The Substance of Civilization*. New York: Arcade Publishing.
- Shmelev, Nikolai and Vladimir Popov. 1989. *The Turning Point: Revitalizing the Soviet Economy*. New York: Doubleday.
- SIC. 1987. *Standard Industrial Classification Manual 1987*. Washington, DC: U.S. Government Printing Office.
- Singer, J. David and Melvin Small. 1966. The Composition and Status Ordering of the International System: 1815-1940. *World Politics* 18 (January): 236-81.
- Singer, J. David and Melvin Small. 1972. *The Wages of War, 1816-1965: A Statistical Handbook*. New York: John Wiley and Sons.
- Singer, J. David and Melvin Small. 1993. *National Material Capabilities Data, 1816-1985*; 1st ICPSR Release.
- Singer, J. David, Stuart Bremer, and John Stuckey. 1972. Capability Distribution, Uncertainty, and Major Power War, 1820-1965. In *Peace, War, and Numbers*, ed. Bruce M. Russett. 1972. Beverly Hills CA: Sage Publications.
- Skocpol, Theda. 1979. *States and Social Revolutions: A Comparative Analysis of France, Russia, and China*. Cambridge: Cambridge University Press.
- Skocpol, Theda. 1985. Bringing the State Back In: Current Research. In *Bringing the State Back In*, eds. Peter B. Evans, Dietrich Rueschemeyer and Theda Skocpol. Cambridge UK: Cambridge University Press.
- Skolnikoff, Eugene B. 1993. *The Elusive Transformation: Science Technology and the Evolution of International Politics*. Princeton: Princeton University Press.
- Smil, Vaclav. 1999. *Energies: An Illustrated Guide to the Biosphere and Civilization*. Cambridge, MA: MIT Press.
- Smith, Adam. 1994. *The Wealth of Nations*. Edwin Canaan Edition. London: The Modern Library.
- Smith, Merritt Roe. 1985. Army ordnance and the American system of manufacturing, 1815-1861. In *Military Enterprise and Technological Change: Perspectives on the American Experience*, ed. Merritt Roe Smith. Cambridge MA: MIT Press
- Smyser, W. R. 1992. *The German Economy: Colossus at the Crossroads*. 2nd ed. New York: St. Martin's Press.

Solow, Robert. 1957. Technical Change and the Aggregate Production Function. *Review of Economics and Statistics* 39 (August): 312-320.

Solow, Robert. 1962. Substitution and Fixed Proportions in the Theory of Capital. *Review of Economic Studies* 29 (June): 207-18.

Solow, Robert. 1988. Growth Theory and After. *American Economic Review* 88: 307-317.

Solow, Robert. 1994. Perspectives on Growth Theory. *Journal of Economic Perspectives* 8 (Winter): 45-54.

Spiegel, Steven L.. 1972. *Dominance and Diversity: The International Hierarchy*. Boston: Little, Brown and Company.

Stalin, Josef. 1964. Industrialization of the Country and the Right Deviation. In *Foundations of Soviet Strategy for Economic Growth: Selected Soviet Essays, 1924-1930*, ed. Nicolas Spulber. Bloomington Indiana: Indiana University Press.

Statistical Abstract. 1997. *Statistical Abstract of the United States 1997*. Washington, DC:U.S. Government Printing Office.

Stern, Nicholas. 1991. The Determinants of Growth. *Economic Journal* 101 (January): 122-33.

Strandh, Sigvard. 1979. *The History of the Machine*. New York: Dorset Press.

Strassmann, W. Paul. 1959. *Risk and Technological Innovation: American Manufacturing Methods during the Nineteenth Century*. Ithaca NY: Cornell University Press.

Strassmann, W. Paul. 1963. Discussion. *Journal of Economic History* 23 (December): 444-6.

Temple, Jonathan. 1999. The New Growth Evidence. *Journal of Economic Literature* 37 (March): 112-56.

Tilly, Charles. 1975. Reflections on the history of European state-making, in *The Formation of National States in Western Europe*, Ed. Charles Tilly. Princeton: Princeton University Press.

Tilly, Charles. 1985. War Making and State Making as Organized Crime. In *Bringing the State Back In*, eds. Peter B. Evans, Dietrich Rueschemeyer and Theda Skocpol. Cambridge UK: Cambridge University Press.

Toynbee, Arnold J. 1947. *A Study of History*. Abridged Version. Oxford: Oxford University Press.

Tudge, Colin. 2000. *The Variety of Life: A survey and a celebration of all the creatures that have ever lived*. Oxford: Oxford University Press.

UN 1960. Statistical Office of the United Nations, Department of Economic and Social Affairs. 1960. *Patterns of Industrial Growth: 1938-1958*. New York: United Nations.

UN 1965. United Nations. 1965. *The Growth of World Industry, 1938-1961, International Analyses and Tables*. New York: United Nations.

UN 1968. Economic Commission for Europe. 1968. *The Engineering Industry and Industrialization*. New York: United Nations.

UN 1971. Statistical Office of the United Nations, Department of Economic and Social Affairs. 1971. *The Growth of World Industry, Volume 1, General industrial statistics, 1960-1968*. 1969 edition. New York: United Nations.

UN 1996. Economic Commission for Europe. 1996. *World Engineering Industries and Automation: Performance and prospects, 1994-1996*. New York: United Nations.

UNIDO 1984. United Nations Industrial Development Organization. 1984. *World Non-Electrical Machinery: An Empirical Study of the Machine-Tool Industry*. New York: United Nations.

UNIDO 1988. United Nations Industrial Development Organization. 1988. *Handbook of Industrial Statistics 1988*. Vienna: United Nations Industrial Development Organization.

UNIDO 1997. United Nations Industrial Development Organization. 1997. *Industrial Development Global Report 1997*. Oxford: Oxford University Press.

US 1961. U. S. Department of Commerce, Bureau of the Census. 1961. *United States Census of Manufactures: 1958, Volume II, Part 2, Major Groups 29 to 39*. Washington, DC: U.S. Government Printing Office.

Van Creveld, Martin. 1977. *Supplying War: Logistics from Wallenstein to Patton*. Cambridge UK: Cambridge University Press.

VDMA 1956. Verein Deutscher Maschinenbau-Anstalten. 1956. *Statistisches Handbuch für den Maschinenbau*. Frankfurt:Maschninenbau-Verlag GmbH.

von Ranke, Leopold. 1833. *Theory and Practice of History*. Translated Iggers and von Motlke. Indianapolis: The Bobbs-Merrill Company.

- Vowles, Hugh P. and Margaret W. Vowles. 1931. *The Quest for Power: From Prehistoric Times to the Present Day*. London: Chapman & Hall.
- Wallerstein, Immanuel. 1974. *The Modern World System I*. New York: Academic Press.
- Wallis, John J and Douglass C. North. 1986. Measuring the Transaction Sector in the American Economy, 1870-1970. In *Long-Term Factors in American Economic Growth*, eds. Stanley L. Engerman and Robert E. Gallman, NBER, Studies in Income and Wealth, Volume 51. Chicago :University of Chicago Press.
- Waltz, Kenneth N. 1979. *The Theory of International Politics*. New York: McGraw-Hill.
- Weber, Max. 1946. *From Max Weber: Essays in Sociology*. Eds. H. H. Gerth and C. Wright Mills. New York: Oxford University Press.
- Webster. 1989. *Webster's New Universal Unabridged Dictionary*. New York: Barnes & Noble Press.
- Weiss, Linda and John M. Hobson. 1995. *States and Economic Development: A Comparative Historical Analysis*. Cambridge UK: Polity Press.
- Wiener, Norbert. 1954. *The Human Use of Human Beings: Cybernetics and Society*. New York: Da Capo Press.
- Wight, Martin. 1978. *Power Politics*. Eds. Hedly Bull and Carsten Holbraad. Leicester: Leicester University Press.
- Wilkinson, Frank. 1983. Productive Systems. *Cambridge Journal of Economics* 7: 413-29
- Williams, Trevor I. 1987. *The History of Invention: From stone axes to silicon chips*. New York: Facts on File.
- Womack, James P., Daniel T. Jones, and Daniel Roos. 1990. *The Machine That Changed the World: The story of lean production*. New York: Harper Perennial.
- Woodbury, Robert S. 1961. *History of the Lathe to 1850: A Study of the Growth of a Technical Element of an Industrial Economy*. Cambridge MA: MIT Press.
- Woytinsky, W.S. and E.S. Woytinsky. 1953. *World Population and Production: Trends and Outlook*. New York: Twentieth Century Fund.
- Wright, Quincy. 1965. *A Study of War*. Chicago: University of Chicago Press.