administration of Soviet heavy industries" (p. 7). A judgment on Azrael's conclusion to his general questions turns on his definition of the managerial elite and the analysis of post-Stalin change in the Soviet decision-making process. Perhaps the group interested in economic efficiency and in the delegation of authority in economic matters to professionals should not be called simply managers. Albert Parry takes a much broader view in his reference to the New Class in his book on a similar topic (New Class Divided). In my opinion, the proper definition lies somewhere between Azrael's concept and Parry's. In the U.S.S.R. of today it should include such leading economists and mathematicians as Nemchinov, Novozhilov, and Kantorovich; central planners such as Malyshev; and certain heads of ministries. There is, to be sure, no monolithic view in this group; for each one named, others could be suggested with differing views as to the change and the political role of their professional group. The change they seek may be limited, involving mainly the use of familiar economic mathematical techniques and of analysis and for improvements in the data for various policy decisions; but because techniques such as input-output analysis, linear programming, and the like are complex, the character of the elite would change, and the possibility exists that the allocation of resources might also substantially change. In this context, the more broadly defined managerial-economist elite might well have an innovating role in the Soviet political process. Looking at it in this light we might identify elements of a new generation of economists-managers whose vested interest and professional standing would impel them toward basic change.

It is, however, not only the definition of the managerial elite that poses problem in our acceptance of Azrael's negative judgments. Adding to our uneasiness is his focus on earlier periods in the evaluation of current change, which by its essence must draw from very current indicators that are, in many instances, only recently and somewhat ambiguously evident. Pluralism is a very new and tentative development in Soviet life. Azrael raises serious doubts of the imminence of an economic-managerial revolution in changing Soviet society. He characterizes the Soviet system (p. 179) as one that is "directed toward the crea-

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tion and maintenance of a state of permanent revolution." The most recent evidence casts doubt on, if it does not entirely belie, this statement.

This book nevertheless represents a first-rate analysis and a substantive contribution to our knowledge of the Soviet system. Soviet society appears currently to be in flux, and the readers of *Science* would profit from reading the book in the light of the increasingly provocative evidence of change in the Soviet political scene.

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## New Books

The Selected Papers of E. S. Pearson. Issued by the *Biometrika* Trustees to celebrate his 30 years as editor. Univ. of California Press, Berkeley, 1966. 335 pp. Illus. \$6.75. Twenty-one papers.

Semiconductor Circuits: Worked Examples. J. R. Abrahams and G. J. Pridham. Pergamon, New York, 1966. 220 pp. Illus. Paper, \$5. Commonwealth and International Library.

A Simple Approach to Electronic Computers. E. H. W. Hersee. Gordon and Breach, New York, ed. 2, 1966. 273 pp. Illus. \$7.50.

Skull Radiography: A Simplified System. Joseph Selman. Thomas, Springfield, Ill., 1966. 225 pp. Illus. \$11.50.

The Social Organization of the Marri Baluch. Robert N. Pehrson. Aldine, Chicago, 1967. 143 pp. Illus. \$5.

The Sociological Tradition. Robert A. Nisbet. Basic Books, New York, 1966. 361 pp. \$7.95.

Solvent Effects on Reaction Rates and Mechanisms. Edward S. Amis. Academic Press, New York, 1966. 340 pp. Illus. \$10.50.

Soviet Socialized Medicine: An Introduction. Mark G. Field. Free Press, New York, 1967. 253 pp. Illus. \$6.95.

Stationary and Related Stochastic Processes. Sample function properties and their applications. Harald Cramér and M. R. Leadbetter. Wiley, New York, 1967. 362 pp. Illus. \$12.50.

Stream Flow: Measurements, Records and Their Uses. Nathan Clifford Grover and Arthur William Harrington. Dover, New York, 1966. 387 pp. Illus. Paper, \$2.25. Reprint, 1943 edition.

Steroid Dynamics. Proceedings of a symposium on the Dynamics of Steroid Hormones (Tokyo), May 1965. Gregory Pincus, Takeshi Nakao, and James F. Tait, Eds. Academic Press, New York, 1966. 595 pp. Illus. \$20. Twenty-one papers.

Structure of High-Resolution NMR Spectra. P. L. Corio. Academic Press, New York, 1966. 560 pp. Illus. \$15.

Structure of the Stratosphere and Mesosphere. Willis L. Webb. Academic Press, New York, 1966. 392 pp. Illus. \$15. Structures and Functions of the Human Body. Gordon Scott MacGregor. Oxford Univ. Press, New York, 1966. 664 pp. Illus. \$8.

Summable Series and Convergence Factors. Charles N. Moore. Dover, New York, 1966. 113 pp. Paper, \$1.50. Reprint, 1938 edition.

Symbolic Shorthand System. Hans Selye. Rutgers Univ. Press, New Brunswick, N.J., 1966. 89 pp. Illus. Paper, \$3.50. Rutgers Series on Systems for the Intellectual Organization of Information.

Taiwan Aborigines: A Genetic Study of Tribal Variations. Chen Kang Chai. Harvard Univ. Press, Cambridge, Mass., 1967. 256 pp. Illus. \$9.

Teacher's Guide and Systems Manual for Probing into Science. American Book Company, New York, 1967. 254 pp. Paper. Technology, Economic Growth, and Public Policy. Richard R. Nelson, Merton J.

Peck, and Edward D. Kalachek. Brookings Institution, Washington, D.C., 1967. 252 pp. Illus. \$6.

Theories of Child Development. Alfred L. Baldwin. Wiley, New York, 1967. 630 pp. Illus. \$8.95.

Theory of Crystal Defects. Proceedings of a Summer School (Hrazany, Czechoslovakia), September 1964. Boris Gruber, Ed. Czechoslovak Acad. of Sciences, Prague; Academic Press, New York, 1966. 415 pp. Illus. \$15. Twelve papers.

The Theory of Equilibrium of Elastic Systems and Its Applications. Carlo Alberto Pio Castigliano. Translated from the French (Turin, Italy, 1879) by Ewart S. Andrews. Dover, New York, 1966. 424 pp. Illus. Paper, \$3. Reprint, 1919 edition.

Theory of Motivation. Robert C. Bolles. Harper and Row, New York, 1966. 556 pp. Illus. \$10.75.

Thermodynamics: Principles and Applications to Engineers. Ernst Schmidt. Translated from the third German edition by J. Kestin. Dover, New York, 1966. 552 pp. Illus. Paper, \$3. Reprint, 1949 edition.

Thin-Layer Chromatography. Kurt Randerath. Translated from the German by D. D. Libman. Verlag Chemie, Weinheim; Academic Press, New York, ed. 2, 1966. 299 pp. Illus. \$9.50.

Thorium: Its Industrial Hygiene Aspects. Roy E. Albert. Academic Press, New York, 1966. 236 pp. Illus. \$7.

Topics in the Theory of Functions of Several Complex Variables. William Fogg Osgood. Dover, New York, 1966. 124 pp. Paper, \$1.50. Reprint, 1914 edition.

Transcendental Functions: Satisfying Nonhomogeneous Linear Differential Equations. A. W. Babister. Macmillan, New York, 1967. 428 pp. Illus. \$14.95.

Tribal and Peasant Economies. Readings in economic anthropology. George Dalton, Ed. Published for the American Museum of Natural History. Natural History Press, Garden City, N.Y., 1967. 600 pp. Illus. Paper, \$2.95. American Museum Sourcebooks in Anthropology. Twenty-nine papers.

X-ray and Neutron Diffraction. G. E. Bacon. Pergamon, New York, 1966. 378 pp. Illus. Paper, \$7.50. Commonwealth and International Library.

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