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NOTES ABOUT AUTHORS

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Eric V. Denardo ("Separable Markovian Decision Problems") is a member of The RAND Corporation's Logistics Department. He received the degrees B.S. from Princeton University (1958) in electrical engineering and Ph.D. at Northwestern University (1965) in management science. He is interested at present in dynamic programming and in the application of operations research to logistics problems. Dr. Denardo is author of several articles on dynamic programming. He was born in Newark, New Jersey.

Richard V. Evans ("Sales and Restocking Policies in a Single Item Inventory System") is an Associate Professor of Operations Research at Case Western Reserve University. Professor Evans received the A.B. degree from Princeton University in 1951 and the Dr. Engr. degree from The Johns Hopkins University in 1959. He says, "My research interests are in the areas of queueing and inventory concerning systems involving two or more variables. At the moment, I am particularly interested in multiproduct inventory systems and their relationship to single product systems. My queueing interests center around network problems." Professor Evans has published articles in *Management Science*, *Operations Research*, and *Naval Research Logistics Quarterly*. He was born in Baltimore, Maryland.

Jay W. Forrester ("Industrial Dynamics—After the First Decade") is Professor of Management at Massachusetts Institute of Technology. He was awarded the degrees B.Sc. in electrical engineering from the University of Nebraska in 1939, S.M. in electrical engineering from Massachusetts Institute of Technology in 1945, and D. Engineering (Honorary) from the University of Nebraska in 1954. Professor Forrester is author of many papers in engineering and management and of *Industrial Dynamics*, M.I.T. Press, 1961. Professor

Forrester is also an inventor, with a patent issued in 1956, of the random-access, coincident-current, magnetic core storage used in digital computers. From 1952 to 1956 he was head of the division of M.I.T.'s Lincoln Laboratory in charge of the design and experimental testing of the SAGE air defense system. His present research activity is the writing of a book on "Principles of Systems" to introduce the beginning student to the ideas underlying industrial dynamics. He says, "The development of industrial dynamics has been made possible by a confluence of my earlier activities including the development of feedback concepts and hydroelectric servomechanisms from 1940-1946, digital computer design in charge of the Whirlwind I electronic computer project from 1946 to 1952, and management of large military programs from 1948 to 1956." Professor Forrester was born in Anselmo, Nebraska.

John C. Harsanyi ("Games with Incomplete Information Played by 'Bayesian' Players—Part 1, The Basic Model") is a Professor of Business Administration and Economics at the University of California, Berkeley. His major research interest is in mathematical economics and in game theory, and more generally in the use of analytical models in the social sciences. He was awarded the Dr.Phil. degree from the University of Budapest, the M.A. degree from the University of Sydney, Australia, and the Ph.D. degree from Stanford University. He writes, "My present paper has greatly benefited from personal discussions with the participants of the International Game Theory Workshop organized by Professors Robert J. Aumann and Michael Maschler, and held at the Hebrew University in Jerusalem in October-November 1965. Part of my work on this paper was done in the very attractive and stimulating environment provided by the Center for Advanced Study in the Behavioral Sciences, Stanford, during my fellowship year, 1965-66."

John A. Howard ("Information Processing Model of Executive Decisions") is Professor of Marketing in the Graduate School of Business of Columbia University. His educational background includes the degrees B.S. and M.S. from the University of Illinois in 1939 and 1941, respectively, M.A. from Harvard University in 1948, and Ph.D. in 1952, also from Harvard University. Professor Howard's current research interests include the development and empirical testing of buyer behavior theory and the role of this theory in constructing marketing information systems. He is the author of several articles on marketing and buyer behavior. Professor Howard comments that "the research underlying this article was stimulated by the Ford Foundation's commissioning me in 1959 to take a year's leave to evaluate the state of knowledge in marketing for purposes of teaching and research. In carrying out this commission, it became apparent that one of the serious barriers to further development in the utilization of management science techniques was our limited understanding of the executive decision process." Professor Howard was born in Georgetown, Illinois.

William M. Morgenroth ("Information Processing Model of Executive Decisions") is Head of the Division of Business and Economics of California State College at Hayward, California. Professor Morgenroth was awarded the

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Dennis P. Slevin ("An Appreciation of Industrial Dynamics") is a Ph.D. candidate in Stanford University's Graduate School of Business. He received the degrees B.A. with honors in mathematics from Saint Vincent College, B.S. with honors in physics from Massachusetts Institute of Technology, and M.S. with honors in industrial administration from Carnegie Institute of Technology. Mr. Slevin is specializing in the field of organizational behavior. He is co-author of a paper, "Capacity Distribution in Anhydrous Ammonia Industry: A Mathematical Model," which was presented at the American Chemical Society Meeting in Chicago, September 12, 1967. Mr. Slevin was born in Uniontown, Pennsylvania.

Gifford H. Symonds ("A Study of Consumer Behavior by the Use of Competitive Business Games") is a Lecturer at the University of California at Berkeley. He was a Visiting Professor there in 1966-1967. Mr. Symonds is currently interested in the study of socio-economic systems by gaming methods and also in mathematical programming under uncertainty. He has published papers in *Management Science*, *Operations Research*, and other journals, and also an elementary book on linear programming. He was awarded the M.A. degree in mathematical statistics from Columbia University. He has been a Professor of Operations Research at Case Institute of Technology, the Helsinki School of Economics, The Johns Hopkins University, and the University of California. He was born in Baltimore, Maryland.

Willard I. Zangwill ("Minimum Concave Cost Flows in Certain Networks") is an Associate Professor at the University of California at Berkeley. He received the degrees A.B. *magna cum laude* in physics from Columbia University (1959), M.S. in statistics from Stanford University (1963), and Ph.D. in operations research also from Stanford University (1965). Professor Zangwill's present interests are inventory theory and mathematical programming. He has written various papers in these areas. He says, "The notions in the paper have been applied to specially structured networks, such as those that arise in production problems. In these structured cases new algorithms, considerably more efficient than the general ones presented in this paper, have been developed."