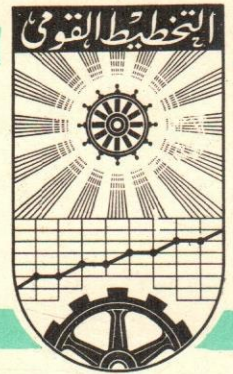


UNITED ARAB REPUBLIC

THE INSTITUTE OF NATIONAL PLANNING



Memo. No. 756

SELECTED BIBLIOGRAPHY OF RECENT ECONOMETRIC RESEARCH

BY

Gouda Abdel Khalek

April, 1967

FORWARD

If the present rate of growth in scientific material in general tends to double its volume every five years, there are areas whose rate exceeds that average. Of these, econometric research is an outstanding example.

It is true that the emergence of econometrics, some forty years ago as an interdisciplinary science has limited the size of the qualified econometric society over the whole world to those well versed in mathematics, statistics and economics. The outcome was that a restricted language was coined which was beyond the reach of many persons engaged in economic studies. However, the radical changes in university teaching, the emergence of a large number of specialized institutions, the promotion of the new techniques in a large number of fields of study; all have led to an uprising trend in the number, size, quality and diversification of econometric publications.

The quantitative nature of planning problems makes such studies a valuable point of departure for researchers in the field. The following pages give a rather limited, but well-balanced list of references which cover the main aspects of studies needed for planning. The painstaking job of scrutinizing the material, applying a careful sense selectivity and classifying the selected items needed in fact the competence of a serious student in the field. Mr. Abdel Khalek has in fact met these qualities as can be seen from the contents of this memo.

I do agree with him that the present edition is a reasonable start that should be followed by a series of amendments which would bring it up to date. It is hoped that its presentation in the present form will provide research workers either within or outside the Institute with a valuable asset. Their comments for addition and improvement will be welcomed.

M. M. El-Iman

CONTENTS

Page

Introduction

List of Abbreviations

I. Books

1

II. Articles

6

1. The Accelerator, Multiplier and the Price level

6

2. Aggregate Economic and Econometric Models

8

3. Demand Analysis

16

4. Economic Projections

22

5. Import and Export Functions and Foreign Trade
Adjustment

23

6. Problems of Estimation

24

7. Supply Analysis

30

8. Miscellaneous

34

INTRODUCTION

Planning is, undoubtedly, the fashion of the day. Many problems concerning the design of economic policy has recently come to the fore. One of these problems is to meet the policy requirements of consistency, precision and quantification. As a result, a system of economic knowledge has often identified itself under the hybrid name "Econometrics". A prerequisite for any thorough study of the field is the availability of a more or less comprehensive list of works already done therein. The present work is but a modest step in that direction.

This Memo., initiated by Dr. M.M. El-Imam, comprises a list of recent econometric research. The bibliography is rather selective. It is divided into two parts: I- Books; II-Articles. As far as books are concerned, the literature has been arranged according to the alphabetical order of the authors. The second part is split into eight subparts following the main headings: The Accelerator, Multiplier and the Price Level; Aggregate Economic and Econometric Models; Demand Analysis; Economic Projections; Export and Import Functions and Foreign Trade Adjustment; Problems of Estimation; Supply Analysis and, lastly, Miscellaneous. Within the domain of each subheading, articles were arranged also according to the alphabetical order of the writers.

One reservation should be added here. In addition to the selective nature of the material collected, its presentation suffers from some shortcomings; bibliographically speaking. This was due partly to the lack of information necessary to identify the works fully; and partly to my scanty background in this field. In this context the hope for more addition, modification and refinement in subsequent editions stands as a positive asset against such pitfalls.

Finally, a word of gratitude is due. I am much indebted to many persons, in different places, for whom a sense of thankfulness and deep gratitude is insufficient. Nevertheless, the faults are wholly my responsibility. In passing, it is hoped that this bibliography may serve as a guide to research workers in this relatively virgin area of economic investigation.

G. Abdel Khalek

LIST OF ABBREVIATIONS

AERI : Agricultural Economic Research Institute
Agr. Econ. Res. : Agricultural **Economics** Research
Am. Econ. Rev. : American Economic Review
Ann. Math. Stat. : Annals of Mathematical Statistics
Canad. J. Econ. Pol. Sc. : Canadian Journal of Economics and Political
Science.
CCRE : Cowles Commission for Research in Economics
CNRS : Centre National de la Recherche Scientifique
Econ. J. : Economic Journal
Econ. Record : Economic Record
Ind. Econ. J. : Indian Economic Journal
Ind. J. Econ. : Indian Journal of Economics
INSEE : Institut National de la Statistique et des Etudes Economiques.
Intern. Econ. Rev. : International Economic Review
J. Am. Stat. Ass. : Journal of the American Statistical Association
J. Farm Econ. : Journal of Farm Economics
J. Pol. Econ. : Journal of Political Economy
J. R. Stat. Soc. : Journal of the Royal Statistical Society
NIESR : National Institute for Economic and Social Research
Oxf. Econ. Pap. : Oxford Economic Papers
Q. J. Econ. : Quarterly Journal of Economics
Rev. Econ. & Stat. : Review of Economics and Statistics
Rev. Econ. St. : Review of Economic Studies.

I - Books

- Aitchison, J. and Brown, J.A.C. The Lognormal Distribution.
Cambridge Univ. Press, 1957.
- Aitken, A.C. Determinants and Matrices, Edinbergh:
Oliver and Boyd, 1939.
- Allen, R.G.D. Mathematical Economics. London:
Macmillan and Co. Ltd., 1957
- Allen, R.G.D. and Bowely, A.L. Family Expenditure. London, 1955
(London School of Economics: Studies in
Statistics and Scientific Method No.2).
- Barna, T.(ed.), The Structural Interdependence of the Economy.
N.Y., 1955
- Barnett, H.J. "Specific Industry Output Projections", in Long Range
Econ. Projections; Studies in Income and Wealth,
Vol. XVI, Princeton Univ. Press, 1954
- Beach, E.F. Economic Models. N.Y., 1957
- Bellman, R. Dynamic Programming. Princeton Univ. Press, 1957
- Brennan, M.J. Preface to Econometrics: An Introduction to Quantitative
Methods in Economics. N.Y., 1960
- CCRE. Activity Analysis of Production and Allocation. Edited by
T.C. Koopmans. N.Y., 1951. Monograph No. 13.
- ____ Statistical Inference in Dynamic Econ. Models. Edited by
T.C. Koopmans, N.Y., 1950 Monograph No. 10.
- Charnes, A. An Introduction to Linear Programming. N.Y.: John Wiley
and Sons Inc, 1959.
- Christ, C. "A Test of Our Econometric Model for the United States,
1929-1947" Conference on Business Cycles.
NBER. N.Y., 1959.
- Davidson, P. and Smolensky, E. Aggregate Supply and Demand Analysis.
N.Y., 1964
- Duesenbury, J.S., Income, Saving and the Theory of Consumer Behaviour.
Cambridge: Harvard University Press, 1949.

- Fisher, F.M. A Priori Information and Time Series Analysis; Essays in Econ. Theory and Measurement. Amsterdam, 1962
- Fisher, F.M. and Kaspen, C. A Study in Econometrics; the Demand for Electricity in the U.S. Amsterdam, 1962
- Foote, R.J. Analytical Tools for Studying Demand and Price Structures. 1958. (Agricultural Handbook No. 46).
- Fox, K.A. Econometric Analysis for Public Policy. Anes, 1960
- Friedman, J. and Foote, R.J. Computational Methods for Handling Systems of Simultaneous Equations. (Agricultural Handbook No. 94).
- Frish, R. Principles of Linear Programming. 1954, (Monographed Oslo).
- Gale, D. The Theory of Linear Economic Models. Mc Grow Hill and Co. 1960.
- Goldberger, A.S. Econometric Theory. N.Y., 1964
- _____ Impact Multipliers and Dynamic Properties of the Klein-Goldberger Model. Amsterdam, 1959.
- Graybill, F.A. Introduction to Linear Statistical Models. 1961
- Hart, P.E. and others (eds.). Econometric Analysis for National Economic Planning. London, 1964.
- Heady, E.O. and Candler, W. Linear Programming Methods. Iowa State College Press, 1958.
- Hickman, B.C. "Capacity Utilization and the Acceleration Principle" in Problems of Capital Formation. Studies in Income and Wealth, Vol. XIX. Princeton Univ. Press, 1957.
- Hood, W.M.C. & T. Koopmans (eds.) Studies in Econometric Method. N.Y., 1959.
- Jefferys, J.B. et al The Distribution of Consumer Goods. N.I.E.S.R., Cambridge Univ. Press, 1950.
- Johansen, Leif. A Multi-Sectoral Study of Economic Growth. Amsterdam, 1960.
- Johnston, J. Econometric Methods. N.Y.: McGraw Hill, 1963.

- Kalecki, M. Theory of Economic Dynamics; An Essay on Cyclical and Long-run Changes in Capitalist Economy. London, 1954.
- Kemp, M.C. The Demand for Canadian Imports 1926-55. Toronto, 1962. (in Canadian Studies in Economics, No.15).
- Kendall, M.G and Stuart, A. The Advanced Theory of Statistics. 1961
- Klein, L.R. and Goldberger, A.S. An Econometric Model of the US 1929-1952. Amsterdam, 1955.
- Klein, L.R. and others. An Econometric Model of the U.K. Oxford, 1961.
- Klein, L.R. An Introduction to Econometrics. New York, 1962.
- _____ Econ. Fluctuations in the U.S., 1921-1941. (Monograph 11 of CCRE).
- _____ A Textbook of Econometrics. Evanston, 1950
- Koopmans, T.C. Linear Regression Analysis of Economic Time Series. Haarlem, 1937. (Publication No.20 of the Netherlands Econometric Institute).
- Kuh, E. Capital Stock Growth; A Micro-Econometric Approach. Amsterdam, 1960.
- Lange, O. On Political Economy and Econometrics. Oxford, 1965.
- _____ Introduction to Econometrics. N.Y., 1951.
- Leontief, W.W., "Econometrics", in A Survey of Contemporary Economics. Philadelphia, 1948.
- Malinvaud, M. Les Modèles Economiques. Paris, n.d.
- Mosak, J.L. General-Equilibrium Theory in International Trade. Bloomington, 1944. (Monograph No.7 of CCRE).
- Murray, K.A.H. Milk Consumption. AERI, 1937.
- Murray, K.A.H. and Kilherford, R.S.G. Milk Consumption Habits. Oxford: AERI, 1941.
- Nerlove, M. Distributed Lags and Demand Analysis for Agricultural and Other Commodities. 1958. (Agricultural Handbook Series, No.141).

- Ottenheimer, J. Modèles Econometriques et Structure des Nations.
Paris, 1960.
- Centre National de la Recherche Scientifique, Cahiers du Seminaire
d'Econometrie. Paris: CNRS, 1956.
- Institut National de la Statistique et des Etudes Economiques,
Elements d'Econometrie. Par R. Roy. INSEE, 1956-57
- Pearce, I.F. A Contribution to Demand Analysis. Oxford, 1964.
- Pfouts, R.W. (ed.) Essays in Economics and Econometrics. N.C., 1960.
- Prais, J.J. and Houthakker, H.J. The Pattern of Household Expenditure.
Cambridge Univ. Press, n.d. (Monograph No. 4 of the
Univ. of Cambridge Dept. of Applied Economics).
- Prest, A.R. assisted by A.A. Adams. Consumers' Expenditure in the United
Kingdom, 1900-1919. Cambridge Univ. Press, n.d.
(Studies in the National Income and Expenditure of
the United Kingdom, No. 9).
- Rao, G.R. and Others (ed.) Essays in Econometrics and Planning.
Oxford, 1964.
- Rasmussen, P.N. Studies in Intersectoral Relations. Amsterdam, 1956.
- Sandee, J.A. A Demonstration Planning Model for India.
Mimeographed. 1958.
- Schults, H. The Theory and Measurement of Demand.
Univ. of Chicago Press, 1938.
- Schackle, G.L.S. Time in Economics. Amsterdam, 1958.
- Stone, R. Quantity and Price Indexes in National Accounts.
Paris. OEEC, 1956.
- Stone, R. and Others, Study Week on the Econometric Approach to Develop-
ment Planning. Amsterdam, 1965
- The Measurement of Consumer's Expenditure and Beha-
viour in the U.K. 1920-38. 1958.
- Stone, R. and C.G. Murray, Social Accounting and Economic Models.
London, 1959.

- Suits, D.B. Statistics; An Introduction to Quantitative Econ. Research. Chicago, 1963.
- _____ An Econometric Model of the Greek Economy.
Center of Econ. Research, 1964.
- The Netherlands Econ. Institute. Input-Output Relations. Leidan, 1953.
- Theil, H. Linear Aggregation of Economic Relations.
Amsterdam, 1951.
- _____ Economic Forecasts and Policy. Amsterdam, 1951.
- Tinbergen, J. Econometrics. London, 1953.
- _____ Selected Papers. Amsterdam, 1959.
- Tintner, G. Econometrics. N.Y., 1952.
- University of Pisa, Faculty of Economics. The Structural Interdependence of the Economy. N.Y., 1955.
- Valavanis, S. Econometrics. N.Y., 1959.
- Winding, P. Some Aspects of the Acceleration Principle.
Amsterdam, 1957.
- Wold, H. and Jureen, L. Demand Analysis; A Study in Econometrics.
N.Y., 1953.
- Wold, H. (ed). Econometric Model Building; Essays on the Causal Chain Approach. Amsterdam, 1964.

II - Articles

1. The Accelerator, Multiplier and the Price Level

- Bihari, B. "Investment Multiplier and Economic Development in India", Ind. J. Econ., Vol. XLIII, Part IV, Issue No.171 (Ap.1963).
- Bornstein, B. "The Soviet Price Reform Discussion" Q.J.Econ. Vol.LXXVIII, No. 1, (Feb.1964).
- Brems, H. "What Induces Induced Investment?" Kyklos, Vol. XVI (1963).
- Chacravarty, S. "Optimal Investment & Technical Progress", Rev. Econ.St., Vol. XXXI (3) No. 87 (June 1964).
- Davidson, P. "Income and Employment Multipliers and the Price Level", Am. Econ. Rev. Vol. LII No.4 (Sept.1962).
- Gelbert, M. et al., "The Problem of Rising Prices", Am.Econ.Rev., Vol.LII No. 3 (June 1962).
- Hagger, A. "Multiplier Theory and Fiscal Policy", Rev. Econ. St., Vol. XXIV (3) No. 65 (June 1957).
- Huang, D.S. & J.G.Myers, "Income Variability and the Analysis of Income Size" J.Pol.Econ., Vol. LXXII, No. 3 (June 1964).
- Johnson, H.G., "The Effects of Income Redistribution on Aggregate Consumption with Interdependence of Consumers' Preferences", Economica, (new series) Vol.XIX, No.74, (1952).
- Kervyn, A. "A Note on the Accelerator and Constant Growth", Rev.Econ.St. Vol. XXI (3), No.56, (1953-54).
- Latané, H.E. "Investment Criteria - A Three Asset Portfolio Balance Model", Rev.Econ.St., Vol. XLVI, No.1, (Feb.1964).
- Lininger, Ch.A. "Estimates of Rates of Saving", J.Pol.Econ., Vol.LXXII, No.3 (June 1964).
- Mayer, T. "Multiplier and Velocity Analysis: An Evaluation", J.Pol.Econ., Vol. LXXII, No.6 (Dec.1964).
- Montias, J.M. "Socialist Operational Price Systems: Comment and Reply" Am. Econ.Rev., Vol. LIII, No.5 (Dec.1963).

- Mukeh, V. "Output & Investment for Exponential Growth in Consumption. The General Solution and Some Comments", Rev. Econ. St., Vol. XXXI(1), No. 85 (Jan. 1964)
- Ott, A. E. "The Relation Between the Accelerator and the Capital Output Ratio", Rev. Econ. St. Vol. XXV (3), No. 68 (June 1958)
- Pitchford, J. D. "Cost and Demand Elements in the Inflationary Process", Rev. Econ. St., Vol. XXIV (2), No. 64, (1957)
- Sasaki, K. "Military Expenditures and Employment Multiplier in Hawaii", Rev. Econ. & Stat. Vol. XLV, No. 3 (Aug. 1963)
- Sengupta, J. "Income Stabilisation Policy: An Elementary Empirical Analysis", Economia Internazionale, Vol. XVIII, No. 3 (1965)
- Smyth, D. J. "Monetary Factors and Multiplier-Accelerator Interaction", Economica, Vol. XXX, (Nov. 1963)
- _____ "Empirical Evidence On The Acceleration Principle", Rev. Econ. St. Vol. XXXI (3), No. 87 (June 1964)
- Solow, R. "A Note on the Price Level and Interest Rate in A Growth Model", Rev. Econ. St., Vol. XXI (1), No. 54 (1953-54)
- Taabman, P. et al., "Kuznets Cycles in Growth Rates: The Meaning", Intern. Econ. Rev. Vol. 6, No. 2 (May, 1965)
- Wakar, P., "Socialist Operational Price Systems", by P. Wakar and J. Zielinski Am. Econ. Rev., Vol. LII, No. 1, Part 1 (March 1963)
- Zawadzki, K.K.F. "Investment, Saving and the Inflationary Gap: Some Comments on Dr. Hansen's Models", Rev. Econ. St. Vol. XXI(1), No. 54 (1953-54)
- Yee, H. "The Mechanics of Agricultural Productivity and Econ. Growth" by H. Yee and R. Christensen, Agr. Econ. Res. Vol. XVI No. 3 (July, 1964)

2. Aggregate Economic and Econometric Models

- Akerman, J. "Theory of Industrialism: Causal Analysis and Econ. Plans" by J. Akerman & C. Gleerup Agr.Econ.Res., Vol. XVI, No.3. (July 1964).
- Ali, M. "Prof. Mahalanobis' Model of Econ. Planning in Relation to Wages", Ind.J.Econ. Vol. XLIV, No. 172, (1963).
- Almon, C. "Numerical Solution of Modified Leontief Dynamic System for Consistent Forecasting or Indicative Planning", Econometrica, Vol.31, No. 4, (Oct.1964).
- _____ "Consistent Forecasting in a Dynamic Multisector Model", Rev. Econ.& Stat., Vol. XLV, No. 2. (May 1963).
- Amano, A. "A Further Note on Prof. Uzawa's Two-sector Model of Econ.Growth", Rev. Econ.St. Vol. XXXI, (2) No.86 (Ap. 1964).
- Ando, A. & F.Modigliani "The Relative Stability of Monetary Velocity and the Investment Multiplier", The Econ.J. Vol.LV, No.4 (Sept.1965).
- Asimakopulos, A et al., "The Classification of Technical Progress in Models of Econ.Growth", Economica, Vol.XXX, No.120, (Nov.1963).
- Basmann, R.L. "On the Application of the Identifiability Test Statistic in Predictive Testing of Explanatory Econ. Models", Ind.Econ.J., Vol. X, No.3 (July 1962).
- _____ "The Causal Interpretation of Non-triangular Systems of Econ.Relations. " Econometrica, Vol. 31, No. 3, (July 1963).
- Bentzel, R. & B. Hansen. "On Recursiveness and Interdependency in Economic Models", Rev. Econ.St., Vol. XXII, (1964-65).
- Bergstrom, A.R. & A.D. Brownlie. "An Econometric Model of the New Zealand Economy" The Econ.Record. Vol.41 (March 1965).
- Bihari, B. "Investment Multiplier & Economic Development in India", Ind.J.Econ. Vol. XLIII, part IV, No. 171. (Ap.1963).
- Blumenthal, T. "A Test on the Klein-Shinkai Econometric Model of Japan", Intern.Econ.Rev. Vol.6, No.2, (May 1965).

- Bose, S. "Econ. Growth in a Two-Sector Planning Model", Economia Internazionale, Vol. XVIII, No.3 (August 1965).
- Brownlee, A.D. "An Econometric Analysis of Investment in New Zealand Manufacturing Industry 1957-58". The Econ.J., No.82 (June 1962).
- Brems, A. "Constancy of the Proportionate Equilibrium Rate of Growth: Result or Assumption", Rev.Econ.St., Vol. XXIV (2), No. 64 (Jul. 1957).
- Chandavarkar, A. "Money & Econ. Growth", Economia Internazionale, Vol. XVIII, No. 1, (1965).
- Christ, C., "Aggregate Economic Models: A Review Article", Am.Econ. Rev., Vol. 46, (1956).
- Clerk, C., "A System of Equations Explaining the United States Trade Cycle, 1921-1941", Econometrica, Vol. 17, (1949).
- Cooper, C., "The Role of Econometric Models in Economic Theory", J.Farm Econ., Vol. 30, (1948).
- Debreu, G. & H.Scarf. "A Limit Theorem on the Core of An Economy", Intern.Econ.Rev., Vol. 4, (Sept.1963).
- Diamond, P.A. "Disembodied Technical Change in A Two-Sector Model", Rev.Econ.St., Vol. XXXII (2), No.90, (Ap.1965).
- Dickson, H. "A Note on Differences and Differentials in Elementary Econ. Theory", Ekonomisk Tidsskrift, Vol. LXV, No.4, (Dec.1963).
- Dobb, M. "Some Problems in the Theory of Growth and Planning Policy", Kyklos, Vol. XIV, Fasc. 2, (1961).
- Drandakis, E.M. "Factor Substitution in the Two-Sector Growth Model", Rev. Econ.St., Vol.XXXI (3), No.84, (Oct.1963).
- Eisner, R. "A Distributed-lag Investment Function", Econometrica, Vol.28, (1960).
- Flanders, M.J. "The Balance-of-Payments Adjustment Mechanism: Some Problems in Model Building", Kyklos, Vol.XVI, No.3, (1963).
- Ford, J.L. & T.Stark. "A Note on Macro-Economic Model of the Post-war U.K. Economy", Kyklos, Vol. XIX, Fasc.4 (1966)

- Furuno, Y. "The Period of Production in Two-sector Models of Econ. Growth", Intern. Econ.Rev. Vol.6, No.2, (May 1965).
- Gale, D. "On a Multi-Sector Model of Income Propagation", Intern. Econ.Rev., Vol. V, No. 2, (May 1964).
- Hagen, E. "Development of the Emerging Countries: Agenda for Research", Agr. Econ. Res. Vol. LII, No.4. (Sept.1962).
- Hague, W. "Dynamic Programming in a Multi-Product Model of Econ. Development", Intern. Econ.Rev., Vol.7, No.1, (Jan.1966).
- Hahn, F. "On the Disequilibrium Behaviour of a Multisectoral Growth Model", Econ.J. Vol. LXXIII, (Sept.1963).
- Harberger, A.C., "Pitfalls in Mathematical Model Building" Am. Econ. Rev., Vol. 42, (1949).
- Hester, D.D. "A Note about Simultaneous Estimation in Aggregate Models," Ind.Econ.J., Vol. X, (July 1962).
- Hohenbalken, B. & Tintner, G. "Econometric Models of the OEEC Countries, The USA and Canada and Their Application to Econ.Policy", Welrwirtschaftliches Archiv. Band 89, Heft 1, (1962).
- Hollander, S. "Technology and Aggregate Demand in J.S. Mill's Econ. System", Canad. J. Econ. Pol. Sc., Vol.30, No.2, (May 1964).
- Holleg, J.L. "A Dynamic Model: I, Principle of Model Structure: II, Actual Model Structures and Numerical Results", Econometrica, Vol. 20, No. 4, (1952) & Vol. 21, No.2, (1953).
- Inada, K.I. "On the Stability of Growth Equilibria in Two-sector Models", Rev.Econ.St., Vol. XXXI (2), No.86, (Ap.1964).
- Inada, K. I. "On the Stability of Growth Equilibrium in Two-sector Models", Rev. Econ.St., Vol. XXXI (2), No.86 (Ap.1964).
- _____ "On Neo-classical Models of Econ.Growth", Rev.Econ.St. Vol.XXXII (2), No.90. (Ap.1965).
- Jones, R.W. "The Structure of Simple General Equilibrium Models", J.Pol.Econ., Vol. LXXIII, No.6. 'Dec.1965).
- Johnson, H.G. "A Further Note on Dynamic Economics", Rev.Econ.St. Vol. XXIII (1), No.60, (1955-56).

- Kahn, M. "The Capital Coefficient in the Process of Econ.Growth", Economia Internazionale., Vol. XVIII, No.1, (Feb.1965)
- Kaldor, N. & J.Mirrlees. "A New Model for Econ.Growth". Rev.Econ.St., Vol.XXIV No.80, (June 1962).
- Kantarovich, L.V. "A Dynamic Model of Optimum Planning", Mathematical Studies in Economics and Statistics in USSR & East Europe, Vol. 1, No.2, (Winter 1964-65).
- Keynes, J.M., "The Statistical Testing of Business-cycle Theories", Econ.J., Vol. XLIX, No. 195, (Sept.1939).
- _____ "On a Method of Business Cycle Research: Comment", Econ.J., Vol. 197, (March 1940).
- Kikaido, N. "Balanced Growth in a Multisectoral Income Propagation Under Autonomous Expenditure Schemes", Rev. Econ.St., Vol.XXXI, No.85 (Jan.1964).
- Klapphok, K. & E.J.Hisha. "Identities in Econ.Models," Economica, Vol. XXIX, No.114 (May 1962).
- Klein, L.R. & E. Kah. "The New National Econometric Model: Its Application", Am. Econ. Rev. Vol. LV, No.2 (May 1965).
- Klein, L.R. "What Kind of Macro-econometric Model for Developing Economies?", Ind. Econ. J. Vol. XIII, No.8, (1965).
- _____ "The Interpretation of Leontief's System: A Reply", Rev. Econ.St., Vol.XXIV (1), No.63, (1950-1957).
- Komiyo, R. "A Note on Prof. Mohalahobis Model of Indian Economic Planning", Rev. Econ. & Stat., Vol. XLI, No.1, (Feb.1959).
- Konig, H. & V. Zimmerman. "An Econometric Model for the Federal Republic of Germany 1950-1960", Zeitschrift fur Gesamte Staatswissenschaft, Vol. 118, No. 4. (Oct.1962).
- Koopmans, T.C. "Identification Problems in Economic Model Construction" Econometrica, Vol. XVII, No.2, (April 1949).
- Krelle, W. "Short-term and Long-term Economic Laws: Explanatory Models", Welwirtschaftliches Archiv. Vol. 95, No.2, (1965).
- Kurihara, K. "Linear Programming Models of Employment and Investment", Economia Internazionale, Vol.XVI, No.122, (1963).

- Lange, O. "The Principle of Econ.Rationality, Economy and Praxiology", Zeitschrift fur Gesamte Staatswissenschaft, Vol.120, (1964).
- Laing, N.F. "A Diagrammatic Approach to General Equilibrium Analysis", Rev.Econ.St. Vol.XXX (1), No.82, (Feb.1963).
- Liu, T.C. & C.G.Chang. "US Consumption and Investment Propensities: Prewar and Postwar", Am.Econ.Rev. Vol. XI, No.4, (Sept. 1950).
- Liu, T.C. "An Explanatory Quarterly Econometric Model of Effective Demand in the Postwar U.S.Economy", Econometrica, Vol.31, No.3, (July 1963).
- Mahalanobis, P.C., "Some Observations to Process of Growth of National Income", Sankhya , Vol.12, Pt. 4, (1953).
- Meade, J. "The Effect of Savings on Consumption in a State of Steady Growth", Rev.Econ.St., Vol. XXIX (3), No.80, (June 1962).
- Moraveik, I. "The Marxian Model of Growth and the 'General Plan' of Soviet Econ. Development", Kyklos, Vol. XIV, Fasc.4, (1961).
- Morishima, M. "Dr. Klein's Interpretation of Leontief's System- A Rejoinder", Rev.Econ.St., Vol.XXV (1), No.66, (Oct.1959).
- _____ "On the Three Hickssian Laws of Comparative Statics", Rev.Econ.St., Vol XXVII (5), No.74, (June 1960).
- NBER. "Capital Formation and Econ.Growth", Economia Internazionale Vol.X, No.1, (Feb.1957).
- Nemchnov, V.S. "The Basic Contours of the Model of Planned Price Formation", Mathematical Studies in Economics and Statistics in USSR & East Europe, Vol.1, No.2, (Winter 1964-65).
- Nerlove, M. "The Models of the British Economy: A Fragment of Critical Survey", Intern. Econ.Rev., Vol.6, No.2, (May 1965).
- Nevile, J.W. "The Mathematical Formulation of Harrod's Growth Models", Econ. J. Vol. LXXII, No.286, (June 1962).
- Neuman, P. "A Property of Mr. Harrod's Dynamic Model", Rev.Econ.St., Vol.XXII (1), No.57, (1954-55).
- Oanh, N.X. "Patterns of Consumption and Economic Development", Economia Internazionale Vol. X, No.1, (Feb.1957).
- Orr, D. " A Stochastic Income Model Using Optimal Inventory Rules", Agr.Econ.Res., Vol.XXX (2) No.83, (June 1963).

- Ozga, S.A. "A Model of Unstable Equilibrium", Econ.J., Vol. LXXIII, No.290, (June 1963).
- Qayum, A. "Long Term Growth of a Developing Economy", Economia Internazionale, Vol. XVII, No.4, (1964).
- Radnar, R. "Optimal Growth in a Linear Logarithmic Economy", Intern. Econ. Rev., Vol.7, No.1, (Jan.1966).
- Ramsey, F.D. "A Mathematical Theory of Saving", Econ.J., Vol.XXXV, No. 152, (1928).
- Ranis, G. & J.C. Fei. "Innovational Intensity and Factor Bias in the Theory of Growth", Intern.Econ.Rev., Vol.6, No.2, (May 1965).
- Reutlinger, S. "Analysis of a Dynamic Model With Particular Emphasis on Long-run Projections", J.Farm.Econ., Vol.48, No.1, (Feb. 1966).
- Rijckeghem, W.Y. "The Structure of Some Macro-Econ.Growth Models: A Comparison", Weltwirtschaftliches Archiv., Vol.91, No.1, (Sept.1963).
- Rhomberg, R.R. "A Model of the Canadian Economy Under Fixed and Fluctuating Exchange Rates", J.Pol.Econ. Vol.LXXII, No.1, (Feb.1964).
- Saito, M. et al, "A Dynamic Analysis of the American Economy, 1902-1952", Intern.Econ.Rev., Vol.V, No.2, (May 1964).
- Samuelson, P.A. "Prices of Factors and Goods in General Equilibrium", Rev.Econ.St., Vol.XXI (1), No.54, (1953-54).
- Sato, R. "The Harrod-Domar Model vs. the Neoclassical Model", Econ.J., Vol.LXXIV, No.294, (June 1964).
- Sengupta J. & G.Tintner. "On Some Econ.Models of Development Planning", Economia Internazionale, Vol. XVI, No.1, (Feb. 1963).
- _____ "An Econometric Analysis of the Process of Growth in Relation to British Econ.Development", Economia Internazionale, Vol. XVII, No.2, (May 1964).
- _____ "On the Relative Stability and Optimality of Consumption in Aggregate Growth Models", Economica Vol.XXXI, No.1, (Feb.1964).
- Sengupta, J. & V.Y.Rao, "An Application of Stochastic Linear Programming to Indian Planning Model", Ind.J.Econ., Vol.XIIII, No.170, (Jan.1962).

- Sengupta, J. "Truncated Decision Rules and Optimal Growth with a Fixed Horizon", Intern.Econ.Rev., Vol. 7, No.1, (Jan.1966).
- Sengupta, J. et al. "Stochastic Linear Programming with Applications to Econ.Models", Economica, Vol.XXV, No. 119, (Aug.1963).
- Sengupta, J. & G.Tintner. "On Some Aspects of Trend in Aggregative Models of Econ.Growth", Kyklos Vol.XVI Fasc. 1, (1963).
- Shearer, A.R. "The Concept of Econ.Growth", Kyklos, Vol.XIV, Fasc.4, (1961).
- Singer, M. "Cumulative Causation and Growth Economics" Kyklos, Vol. XIV, Fasc.4, (1961).
- Smith, P.E. "Econometric Growth Model of the United States", Am.Econ. Rev., Vol.LIII, No.4, (Sept.1963).
- Solow, R. "A Note on the Price Level & Interest Rate In A Growth Model", Rev.Econ.St., Vol.XXI (1), No.54, (1953-54).
- Spraos, J. "Stability in a Closed Economy and in the Foreign Exchange Market, and the Distributive Effect of Price Changes", Rev.Econ.St., Vol. XXIV (3), No.65, (1957).
- Steuer, M. & Voiroidas, C. "Import Substitution and Chenery's Patterns of Industrial Growth: A Further Study", Economia Internazionale. Vol. XVIII, No.1, (Feb.1965).
- Stone, R. & J.Brown. "Output and Investment for Exponential Growth in Consumption", Rev.Econ.St., Vol. XXIX, No.80, (June 1962).
- Swamy, M.K. "Growth Models : A Reappraisal", Economia Internazionale, Vol. XVI, No.1, (Feb.1963).
- Takayama, A. "On a Two-Sector Model of Economic Growth with Technological Progress", Rev.Econ.St., Vol. XXXII (3), No.91 (1965).
- _____ "On A Two-Sector Model of Econ.Growth: A Comparative Statics Analysis", Agr. Econ.Res., Vol. XXX (2), No.83, (June 1963).
- Theil, H. "The Aggregation Implications of Identifiable Structural Macro-relations", Econometrica, Vol. 27, No.1, (Jan.1959).
- Tsuru, S. "The Applicability and Limitations of Econ.Dev. Theory", Ind.Econ.J., Vol. IX No.4, (April 1962).

- Uzawa, H. "Optimal Growth in a Two-Sector Model of Capital Accumulation", Rev.Econ.St., Vol. XXXI (1), No.85, (Jan.1964).
- ____ "On A Two-Sector Model of Econ.Growth: II", Agr.Econ.Res., Vol.XXX (2), No. 83, (June 1963).
- Vernon, R. "Comprehensive Model-Building in the Planning Process", Econ.J., (Dec.1965).
- White, J.G. "Walras' Law and the Patinkin Paradox: A Qualitative Calculus for Macroeconomics", J.Pol.Econ. Vol.LXXIV, No.1 (Feb.1966).
- Wolff, D. "Income Elasticity of Demand a Micro-economic and Macroeconomic Interpretation", Econ.J., Vol. LI, No.201, (April 1941).
- Wong, Y.K. & O.Morgenstern. "A Study of Linear Econ.Systems", Weltwirtschaftliches Archiv, Band 79, Heft 2, (1957).
- Yee, H. & R.Christensen. "The Mechanics of Agricultural Productivity and Econ.Growth", Agr.Econ.Res., Vol. XVI, No. 3, (July 1964).
- Yohe, W.P. "Financial Institutions in Aggregate Models", Statsokonomisk Tidsskrift, Vol. 77, No.4, (Dec.1963).

3. Demand Analysis

- Adams, F.G. "Consumer Attitudes, Buying Plans and Purchasing of Durable Goods: A Principal Components, Time Series Approach", Rev.Econ.& Stat. Vol. XLVI, No.4, (Nov.1964).
- Adams, F.G. & E.Green. "Explaining and Predicting Aggregative Consumer Attitudes", Intern.Econ.Rev., Vol.6 No.3, (Sept.1965).
- Ball, R.J. "The U.S.Demand for Imports 1948-58" Rev.Econ.& Stat., Vol. XLIV No.4 (Nov.1962).
- Ball, R.J et al., "The Relationship between Aggregate Consumption to Wealth", Vol.5 No. 1, (June 1964).
- Barten, A. P. "Consumer Demand Functions under Conditions of Almost Additive Preferences", Econometrica, Vol. 32 No.52 (Jan. 1964).
- Basmann, R.L. "A Note on Mr. Ichimura's Definition of Related Goods" Rev.Econ.St., Vol.XXII (1) No.57 (1954-55).
- Beckmann, M.J. "Comparative Statics in Linear Programming and the Giffen Paradox", Rev.Econ.St., Vol. XXIII (1) No.60 (1955-56).
- Bentzel, R. & H.Wold. "On Statistical Demand Analysis from the Viewpoint of Simultaneous Equations", Skandinavisk Aktuarietidskrift, Vol. XXIX, (1964).
- Bergstrom, A. R. "The Exact Sampling Distributions of Least Squares & Maximum Likelihood Estimators of the Marginal Propensity to Consume", Econometrica, Vol. 30 No. 3 (July 1962).
- _____ "A Use of Index Numbers in Demand Analysis" Rev.Econ.St., Vol. XXIII (1), No.60, (1955-56).
- Bodenhorn, D. "A Note on the Impact of Changes in the Marginal Propensity to Consume", South.Econ.J., Vol. XXX No.4, (1964).
- Bowen, W.G. & S.H.Masters. "Shifts in the Composition of Demand and the Inflation Problem", Am. Econ.Rev., Vol. LIV No.6 (Dec.1964).
- Bunkers, E.W. & W.W.Cochrane. "On the Income Elasticity of Food Services" Rev.Econ.Stat., (May 1957).

- Cramer, J.S. "A Dynamic Approach to the Theory of Consumer Demand", Rev.Econ.St., Vol. XXIV (1) No.63 (1957).
- Da Costa, G. C. "Elasticities of Demand for Indian Exports- An Empirical Investigation" Ind.Econ.J., Vol.XIII No.1 (July-Sept.1965).
- Dawson, J. & A.Egbert. "The Demand for Food Concentrates: A Statistical Analysis", Agr.Econ.Res., Vol. XVII, No. 2 (Ap.1965).
- Farrel, M.J. "Irreversible Demand Functions", Econometrica, Vol. XX No.2 (April 1952).
- _____ "Some Aggregate Problems in Demand Analysis", Rev.Econ.St., Vol.XII (3) No.56 (1953-54).
- Finn, T.I. "Price Indexes and Bias in Demand Analysis", Intern.Econ. Rev., Vol. V No. 2 (May 1964).
- Girschick, M.A. & T.Hanvelmo. "Statistical Analysis of the Demand for Food: Examples of Simultaneous Estimation of Structural Equations", Econometrica, Vol. XV, No.2 (April 1947).
- Goldman, S. & H.Uzawa. "A Note on Separability in Demand Analysis", Econometrica, Vol. 32, No.3 (July 1964).
- Gorman, W.M. "Tarrifs, Retaliation and the Elasticity of Demand for Imports", Rev. Econ.St., Vol. XXV (3) No.68 (June 1958).
- _____ "Prof.Friedman's Consumption Function and the Theory of Choice", Econometrica, Vol. 32, (Jan.1964).
- Gribiches, Z.et al. "Notes on Estimated Aggregate Quarterly Consumption Functions", Econometrica, Vol. 30, No.3 (July 1962).
- Haavelmo, T. "Family Expenditures and Marginal Propensity to Consume" Econometrica, Vol. XV No.4 (Oct.1949).
- Hamburger, W. "The Determinants of Aggregate Consumption", Rev.Econ.St., Vol.XXII (1) No.57 (1954-55).
- Hedges, T.R. "A Method for Estimating the Demand for Irrigation Water", Agr. Econ.Res., Vol. XV No.4 (Oct.1963).
- Hendricks, W. "A Device for Smoothing of Time Series", Agr.Econ.Res., Vol. XI No. 4 (Oct.1959).
- Horowitz, I. "An Econometric Analysis of Supply and Demand in the Synthetic Rubber Industry", Intern. Econ.Rev., Vol. 4 No.3 (Sept.1963).

- Houthakker, H.S. "Some Calculations on Electricity Consumption in Great Britain" J.Roy.Stat.Soc., Series A, Vol. CXIV (1951) pt. II
- Houthakker, H.S. & J. Toben. "Estimates of the Free Demand for Rationed Foodstuffs", Econ.J. Vol. LXII No.245 (March 1952).
-
- "The Pareto Distribution and the Cobb-Douglas Production Function in Demand Analysis", Rev.Econ.St., Vol. XXIII (1) No. 60 (1955-56).
- Kemp, M.C. "Errors of Measurement and Bias in Estimates of Import Demand Parameters", The Econ.Record, Vol. 38 No.82 (June 1962).
- Krishnamurty, K. "Consumption Function for India: A Micro-time Series Study", Vol. XIII No. 2 (Oct.Dec.1965).
- Lee, T.A. "Demand for Housing: A Cross-Section Analysis" Rev.Econ. & Stat. Vol.XLV No. 2 (May 1963).
- Lerner, A. "The Analysis of Demand" Am. Econ.Rev., Vol. LII No.4 (Sept. 1962).
- Liviatan, N. "Estimates of Distributed-Lag-Consumption Functions from Cross-Section Data", Rev.Econ.& Stat. Vol.XLVII No.1 (Feb.1965).
- Marschak, J. "On Combining Market and Budget Data in Demand Studies: A Suggestion" Econometrica, Vol. VII No.4 (Oct.1939).
-
- "Personal and Effective Budget Functions", Rev.Econ.& Stat., Vol.XXI No.4 (Nov.1939).
- Mckenzie, L. "Demand Theory without a Utility Index", Rev.Econ.St., Vol. XXIV (3) No.65 (1957).
- Morishima, "A Note on the Definitions of Related Goods", Rev.Econ.St. Vol. XXIII (2), No.61 (1955-56).
- Morrison, C.E. "Demand Elasticity Concept", Ind.J. Econ. Vol. XLIII, No.169 (Oct.1962).
- Nerlove, M. "The Implications of Friedman's Permanent Income Hypothesis for Demand Analysis", Agr.Econ.Res. Vol. X No.1 (Jan.1958).
- Neuman, R.K. & R.C.Read. "Demand Theory without a Utility Index: A Comment", Rev. Econ.St., Vol. XXV (3) No.68 (June 1958).

- Nicholson, J.L. "Variations in Working-class family Expenditure", J. Roy. Stat. Soc., Series A, Vol. XCII (1949) pt. VV
- Prais, S.T. "Linear Estimates of the Engel Curve", Rev. Econ.St., Vol. XX(2) No.52 (1952-53).
- Prest, A.R. "Some Experiments in Demand Analysis", Rev.Econ.& Stat., Vol.XXXI, No. 1 (Feb.1949).
- Reimer, R.D. "The US Demand for Imports of Materials, 1923-1966", Rev. Econ.& Stat. Vol. XLVI, No.1 (Feb.1964).
- Rojko, A.S. "Time Series Analysis in Measurement of Demand", Agr.Econ. Res., Vol. XIII No.2 (Ap. 1961).
- Russul, R. "On the Demand Curve for a Factor of Production" Am.Econ. Rev. Vol. LIV No.5 (Sept.1964).
- Sackrin, S. M. "Income Elasticity of Demand for Cigarettes: A Cross-Section Analysis", Agr. Econ.Res., Vol. IX No. 1, (Jan. 1957).
- Saffran, "Estimation of Some Structural Parameters in Friedman-Type Consumption Functions", Econometrica, Vol.32 (Jan. 1964).
- Sastry, V.K. "Demand for and Supply of Money in India" Ind.Econ.J., Vol. X No.1 (July 1962).
- Schupack, M.B. "The Predictive Accuracy of Empirical Demand Analysis" The Econ.J., Vol. LXXII No. 287 (Sept.1962).
- Scitovsky, T. "The Political Economy of Consumers' Rationning", Rev. Econ. & Stat., Vol. XXIV, No.3 (August 1942).
- Sengupta, J. "On the Relative Stability and Optimality of Consumption in Aggregate Growth Models", Economica, Vol. XXXI No.121 (Feb.1964).
- Smith, P.E. "Demand for Durable Goods: Permanent or Transitory Income ?" J.Pol.Econ., Vol. LXX No.5 (Oct.1962).
- Soper, C.S. "The Elasticity of Substitution", Ibid , Vol.41 No.46 (Dec.1965).
- Spiro, A. "Wealth and the Consumption Function" J.Pol. Econ., Vol. LXX No.4 (Aug.1962).
- "The Direction of Change of Consumption During Business Cycle Contractions", J.Pol.Econ., Vol.LXX No.5 (Oct.1962).

- Stanton, B.F. "Seasonal Demand for Beef, Pork, and Broilers", Am. Econ. Rev. Vol. XIII No.1 (Jan.1961).
- Stone, R. "Dynamic Demand Functions: Some Econometric Results", Econ. J., Vol. LXVII, No. 269 (June 1958).
- _____ "Linear Expenditure Systems and Demand Analysis: an Application to the Pattern of British Demand", Econ.J., Vol. LXIV, No. 255 (Sept,1954).
- Stone, R. & D.A.Rowe. "The Market Demand for Durable Goods" Econometrica Vol. 25, No. 3 (July 1957).
- Stone, R. "The Analysis of Market Demand: an Outline of Methods and Results" Rev. of the Intern.Stat. Institute, Vol. XVI (1948).
- _____ "The Analysis of Market Demand" J.Roy.Stat.Soc. Vol.XVIII pts. III & IV (1945).
- _____ "The Demand for Food in the U.K. before the War", Metro-economica, Vol. III No. 1 (April 1951).
- Sturel, G. & S.F.Hames. "Household Expenditure on Food in Holland" J.Roy.Stat.Soc., Series A., Vol. CXIII pt. I (1950).
- Telser, L.G. "The Demand for Branded Goods as Estimated from Consumer Panel Data", Rev.Econ.& Stat., Vol. XLIV No.3 (Aug.1962).
- Tintner, G. "The Theoretical Derivation of Dynamic Demand Curves", Econometrica, Vol. VI, No.4 (Oct.1938).
- _____ "Elasticities of Expenditure in the Dynamic Theory of Demand", Econometrica, Vol. VII No. 3 (July 1939).
- Tobin, J. "A Statistical Demand Function for Food in the USA" Roy. Stat. Soc. Series A, Vol. 113, Part II (1950).
- Tobin, J. & H.S.Houthakker. "The Effects of Rationing on Demand Elasticities", Rev. Econ. St., Vol. XVIII (3) No.47 (1950-51).
- Tolly, G.S. & R.M.Giessman. "Consumer Demand Explained by Measurable Utility Changes", Econometrica, Vol. 31 No. 3 (July 1963).
- Winch, D. "The Demand Curve for a Factor of Production, Comment", Am.Econ.Rev., Vol. LV No.4 (Sept. 1965).

Wold, H. O.A.

"A Synthesis of Pure Demand Analysis", Skandinavisk
Aktuarietidskrift Vol. XXVI (1943) and Vol. XXVII (1944).

Wolff, P.

"Income Elasticity of Demand, A Micro-Economic and
A Macro-economic Interpretation", Econ.J., Vol. LI
No. 201 (April 1941).

Zehner, A.

"The Short-run Consumption Function", Econometrica,
Vol. 25 No. 4 (Oct. 1957).

4. Economic Projections

- Alomn, C. "Numerical Solution of A Modified Leontief Dynamic System for Consistent Forecasting or Indicative Planning", Econometrica, Vol. 31, No. 4, (Oct.1963).
- Chiang, A.C. et al. "Economic Forecasting", Am.Econ.Rev., Vol.III, No.4 (Sept.1963).
- Daly, F.R., "Long-run Econ. Projections: A Review and Appraisal", Agr.Econ.Res. Vol.XV, No.4 (Oct.1963).
- Kemp, M.C. "Economic Forecasting when the Subject of the Forecast is Influenced by the Forecast", Am.Econ.Rev., Vol.III, No.3 (June 1962).
- Modigliani, F. "Fluctuations in the Saving-Income Ratio: a Problem in Economic Forecasting", Studies in Income and Wealth, Vol.XI, (1964).
- Rey, G. & C.B.Titanus. "Input-Output Forecasts of the Netherlands, 1948-1958"Econometrica, Vol.31, No.3, (July 1963).
- Stone, R. "Prediction from Autoregressive Schemes and Linear Stochastic Difference Systems" Econometrica, Vol. XVII, Supplement (July 1949).
- Stone, R. & S.J.Prais. "Forecasting From Econometric Equations: A further Note on Derationing", Econ.J., Vol. LXIII, No.249 (March 1953).
- Verdoorn, P.J. "Complementarity and Long-Range Projections", Econometrica, Vol. 24, (1956).

5. Import & Export Functions
& Foreign Trade Adjustment

- Bergstrom, A.R. "An Econometric Study of Supply & Demand for New Zealand's Exports" Econometrica, Vol. 23, No. 3 (July 1955).
- Choudhry, N.K. "An Econometric Analysis of the Import Demand Function for Burlap in USA, 1919-53", Econometrica, Vol.26, No.3, (July 1958).
- Flanders, M.J. "The Balance-of-Payments Adjustment Mechanism: Some Problems in Model Building", Kyklos, Vol. XVI, No.3, (1963).
- Grunwald, K. "From Alfred Marshall to George Marshall: The Genesis of the Foreign Aid Doctrine", Kyklos, Vol.XIV, Fasc. 4 (1961).
- Khatkate, D.R. "Debt-Servicing as an Aid to Promotion of Trade of Developing Countries", Oxf.Econ.Pap, Vol.18, No.2, (July 1966).
- Massell, B.F. "Export Concentration & Fluctuations in Export Earnings: A Cross-Section Analysis" Am. Econ.Rev., Vol. XIV, No.1 (March 1964).
- Morgan, D.J. & W.J.Barlett. "The Influence of Price in International Trade: A Study in Method", J.R.Stat.Soc., Series A, Vol. CXIV, Pt. III (1951).
- Preedy, E.H. "The Theory and Measurement of Elasticity of Substitution in International Trade: Comment", Kyklos, Vol.XIV, Fasc.4, (1963).
- Schmidt, W.E. "The Economics of Charity: Loans Vs. Grants", J.Pol.Econ., Vol. LXXII, No.4, (Aug.1964).
- Sen, A.K. "A Note on the Foreign Exchange Requirements of Development Plans", Economia Internazionale, Vol. X, No.2, (1957).

6. Problems of Estimation

- Aitken, A.C. "On Least Squares and Linear Combinations of Observations." Proceedings of R.Stat.Soc. Edinburgh, Vol.LV, (1943-45).
- Anderson, R.L. "Distribution of Serial Correlation Coefficients", Ann. Math. Stat., Vol.XIII, (1942).
- Anderson, R.L. & R.W.Anderson. "Distribution of the Circular Correlation Coefficient for Residuals from a fitted Fourrier Series", Ann.Math.Stat., Vol. XXI (1950).
- Anderson, T.W. "On the Theory of Testing Serial Correlation", Skandinawisk Akturietidskrift, Vol.XXXI (1948).
- Anderson, T.W. & H.Rubin. "Estimation of the Parameter in a Single Equation in a Complete System of Equations", Ann.Math.Stat., Vol.XX (1949).
- Bacharach, M. "Estimating Nonnegative Matrices from Marginal Data", Intern.Econ.Rev., Vol.6 No.3 (Sept.1965).
- Barlett, M.S. "Fitting a Straight Line when both Variables are Subject to Error", Biometrika, Vol.V, No.3 (Sept.1949).
- Basmann, R.L. "On the Application of the Identifiability Test Statistic in Predictive Testing of Explanatory Econ.Models", Ind. Econ.J., Vol.XIII, No.3 (Feb.1965).
- _____ "The Computation of Generalized Classical Estimates of Coefficients in a Structural Equation", Econometrica, Vol.27. No.1 (Jan.1959).
- Bear, D.V.T. "The Matrix Multiplier and Distributed Lags", Econometrica, Vol.31 No.3 (July 1963).
- Bentzel, R. & B.Hansen. "On Recursiveness and Interdependency in Econ. Models", Rev.Econ.St., Vol. XXII (1954-55).
- Briggs, F.E.A. "On Problems of Estimation in Leontief Models", Econometrica, Vol.25, No. 3 (1957).
- _____ "The Estimation of Regression Equations when the Independent Variables are Otherwise Related to the Dependent Variables", Metroeconomica, Vol.XII, Nos. 2&3 (1960).
- Champernowne, D.G. "Sampling Theory Applied to Autoregressive Sequences", Supplement to the J.R.Stat.Soc., Series B, Vol. X, No.2 (1944).

- Chipman, J. et al. "The Treatment of Linear Restrictions in Regression Analysis", Econometrica, Vol.32, Nos.1&2 (Jan.-April 1964).
- Chow, G. "A Comparison of Alternative Estimators for Simultaneous Equations", Econometrica, Vol.32, No.4 (Oct.1964).
- Christ, C. et al "A Symposium on Simultaneous Equation Estimation", Econometrica, Vol.28 (1960).
- Cochrane, D. & H.Orcutt. "Application of Least Squares Regression to Relationships Containing Autocorrelated Error Terms", J.Am.Stat.Ass., Vol.XLIV (March 1949).
- Debren, G. "Non-negative Solutions of Solution of Linear Inequalities", Intern.Econ.Rev., Vol.V, No.2 (May 1964).
- Durbin, J. & G.S.Watson. "Testing for Serial Correlation in Least Squares Regressions", pt. I and II, Biometrika, Vol.XXXVII (1950) and Vol.XXXVIII (1951).
- Edwards, C. "Using Discrete Programming", Agr.Econ.Res. Vol.XV. No.2 (Ap.1965).
- Egbert, A.C. "A Single Matrix Method for Several Problems", Agr. Econ.Res. No.3 Vol. XV, (July 1963).
- Fisher, F.M. "The Choice of Instrumental Variables in the Estimation of Economy-wide Econometrical Models", Intern. Econ.Rev., Vol.6, No.3 (Sept.1965).
- _____ "Restrictions on the Reduced Form, the Rank and Order Conditions", Intern.Econ.Rev. Vol.7, No.1 (Jan.1966).
- _____ "On the Cost of Approximate Specification in Simultaneous Equation Estimation", Econometrica, Vol.28 (1960).
- Frisch, R. "Econ.Planning and the Role of Econometrics" Statsokonomisk Tidsskrift, Vol.78, No.1 (March 1964).
- Geary, R.c% "Determination of Linear Relations Between Systematic Parts of Variables with Errors of Observations the Variances of which are Unknown", Econometrica, Vol. XVII, No.1 (Jan.1949).
- _____ "Inherent Relation between Random Variables" Preceedings of R. Irish Acad., Vol.XLVII Section A, No.6 (1942).
- _____ "Studies in Relations between Time-series", J.R.Stat. Soc., Series B, Vol. X No. 1 (1948).

- Girschick, M.A. & T.Haavelmo. "Statistical Analysis of the Demand for Food: Examples of Simultaneous Estimation of Structural Equations", Econometrica, Vol.XV No.2 (April 1947).
- Goldberger, A. "An Instrumental Variable Interpretation of K-Class Estimation", Ind.Econ.J., Vol. XIII, No.3 (Feb.1965).
- Goldberger, A. & D.B.Hoches. "Notes on Stepwise Least Squares", J.Am.Stat.Ass., Vol. 56 (1961).
- _____ "Stepwise Least Squares: Residual Analysis and Specification Error", Ibid.
- Guth, H. "The Statisticians Contribution to Economics", Zeitschrift fur Volkswirtschaft, Vol. 100, No.3 (Sept.1964).
- Haavelmo, T. "The Statistical Implications of a System of Simultaneous Equations", Econometrica, Vol.XI No.1 (Jan.1943).
- _____ "The Probability Approach to Econometrics", Econometrica Supplement, 1944.
- Hart, B.I & J.von Neumann. "Tabulation of the Probabilities for the Ratio of the Mean Square Successive Difference to the Variance", Ann.Math.Stat., Vol. XIII, (1942).
- Houthakker, H.S. "The Econometrics of Family Budgets", J.R.Stat.Soc., Series A, Vol.CXV, pt.1 (1952).
- Huang, D. & A.Zellner. "Further Properties of Efficient Estimators for Seemingly Unrelated Regression Equations", Intern.Econ.Rev., Vol. 3 No. 3 (Sept.1962).
- Hutchison, T.W. "Testing Econ.Assumptions: A Comment" J.Pol.Econ. Vol. LXXIV, No.1 (Feb.1966).
- Keyfitz, N. "The Sampling Approach to Economic Data", Canad.J.Econ.Pol.Sc. Vol.II, No. 3 (Aug.1945).
- Keynes, J.M. "The Statistical Testing of Business-Cycle Theories", Econ.J., Vol. XLIX, No.195 (Sept.1939).
- _____ "On a Method of Statistical Business-Cycle Research: Comment", Econ.J. Vol.197 (March 1940).
- Klein, L. & M.Nakamura. "Singularity in the Equations Systems of Econometrics: Some Aspects of Multicollinearity", Intern.Econ.Rev. Vol.3, No.3 (Sept.1962).

- Klein, L. "On the Interpretation of Theil's Method of Estimating Economic Relationships", Econometrica, Vol.7, (1939).
- Koopmans, T.C. "Measurement without Theory", Rev.Econ.& Stat., Vol.29, (1947).
- _____ "Identification Problems of Economic Model Construction", Econometrica, Vol. XVII, No.2 (April 1949).
- Ladd, G.W. "Temporal Aggregation in Distributed Lag Models", J.Farm.Econ., Vol.46, No.3 (Aug.1964).
- Leenders, C.T. et al. "Efficient Estimation of Simultaneous Equation Systems", Econometrica, Vol.32, Nos.1&2 (Jan.-Ap.1964).
- Lyengar, N.S. "A Consistent Method for Estimating the Engel Curve from Grouped Survey Data", Econometrica, Vol.32, No.4 (Oct.1964).
- Madansky, A. "On the Efficiency of Three-Stage Least Squares Estimation", Econometrica, Vol.32, Nos.1-2 (Jan.-Ap.1964).
- Mahalanobis, P.C. "The Approach of Operations Research to Planning in India" Soukhya, Vol.XVI, pts. 1 and 2 (1955).
- Marschak, J. "Statistical Inference from Non-experimental Observation: An Econ.Example", Proceedings of Intern-Stat.Conf., Vol.III pt. A (1951).
- Morrison, C.C. "A Pedagogical Note on the Method of Least Squares", Ind.J.Econ., Vol. XLV, No. 178 (Jan,1965).
- Nagar, A.L. "Note on the Bias of A Mixed Simultaneous Equation Estimator", Intern.Econ.Rev. Vol. 7, No.1 (Jan.1966).
- Nagar, A.L. & N.C.Kakwani. "The Bias and Moment Matrix of a Mixed Regression Estimator", Econometrica, Vol. 32 Nos. 1,2 (Jan. & Ap. 1964).
- Nerlove, M. "Spectral Analysis of Seasonal Adjustments Procedure", Econometrica, Vol.32, No.3 (July 1964).
- Neumann, J. von. "Distribution of the Ratio of the Mean Square Successive Difference to the Variance", Ann.Math.Stat., Vol.XIII (1942).
- Orcutt, G.H. & D.Cochrane. "A Sampling Study of the Merits of Autoregressive and Reduced Form Transformations in Regression Analysis", J.Am.Stat.Ass., Vol.XLIX, (Sept.1949).

- Parker, A. "On The Application of Mathematics in Soviet Economics", Yale Econ.Essays, Vol.III, No.2 (Fall 1963).
- Rao, M.M et al. "The Treatment of Linear Restrictions in Regression Analysis", Econometrica, Vol.32, Nos.1-2 (Jan.-Apr.1964).
- Reiersol, O. "Confluence Analysis by Means of Lag Moments and Other Methods of Confluence Analysis", Econometrica, Vol.IX No.1 (Jan.1941).
- Sargan, J.D. "The Estimation of Econ.Relationships Using Instrumental Variables" Econometrica, Vol.26, No.3 (July 1958).
- Sargan, J.D. "Three-Stage Least Squares and Full Maximum Likelihood Estimates" Econometrica, Vol.32, Nos.1-2 (Jan.-Apr.1964).
- Sawyer, J.A et al. "Linear Programming Estimates of Changes in Input Coefficients" Canad.J.Econ.& Pol.Sc., Vol. 30 No.3 (May 1964).
- Seton, F. "The Transformation Problem" Rev.Econ.St., Vol.XXIV (3) No.65 (1957).
- Stone, R. et al. "Some Estimation Problems of Demand Analysis", The Incorporated Statistician, Vol.5 No.4 (April 1955), pp.1-13
- Taylor, L. & W.Thomas. "Three-Pass Least Squares: A Method for Estimating Models with a Lagged Dependent Variable", Rev.Econ.& Stat. Vol.XLVII No.1 (Feb.1965).
- Theil, H. & A.L.Nagar. "Testing the Independence of Regression Disturbances", J.Am.Stat.Ass., Vol. 56
- Tintner, G. "An Application to the Variate Difference Method to Multiple Regression" Econometrica, Vol.XII, No.2 (April, 1944).
- _____ "A Note on Rank, Multicollinearity and Multiple Regression", Ann.Math.Stat., Vol.XVI (1945).
- _____ "Multiple Regression of Systems of Equations", Econometrica, Vol. XIV No.1 (Jan.1946).
- _____ "Some Application of Multivariate Analysis to Econ. Data", J.Am.Stat.Ass., Vol.XLI (Dec.1946).

- Tintner, G. "A Test for Linear Relations Between Weighted Regression Coefficients",
J. R. Stat. Soc. Series B. Vol. XII No. 2 (1950)
- Toben, J. "Estimation of Relationships for Limited Dependent Variables", Econometrica
Vol. 26, No. 1 (Jan. 1958)
- Wagner, H. "A Monte Carlo Study of Estimates of Simultaneous Linear Structural
Equations", Econometrica, Vol. 26 No. 1 (Jan. 1958)
- Watson, G. S. "Serial Correlation in Regression Analysis, I" Econometrica, Vol.
24, (1956)
- Zetlner, A. "On the Analysis of 1st. Order Auto-regressive Models with Incomplete
Data" Intern. Econ. Rev., Vol. 7 No. 1 (Jan. 1966)

7. Supply Analysis

- Amano, A. "Biased Technical Progress and A Neo-Classical Theory of Econ. Growth", Q.J.Econ., Vol. LXXVIII, No. 1, (Feb.1964).
- Asimakopulos, A. et al. "Sir Roy Harrod's Equation of Supply", Oxf. Econ. Pap. Vol. 15, No. 3, (Nov.1963).
- Balassa, B. "An Empirical Demonstration of Classical Comparative Cost Theory", Rev.Econ.& Stat., Vol. XLV, No. 3, (Aug. 1963).
- Bardhan, P. "International Differences in Production Functions, Trade and Factor Prices", Econ.J., Vol.LXXV, (March 1965)
- Barker, R. "The Derivation of Average Cost Curves by Linear Programming", Agr.Econ.Res., Vol. XII, No. 1 (Jan.1960).
- Barker, C. & K.Cowling. "A Polyperiod Model for Estimating the Supply of Milk", Agr.Econ.Res., Vol. XV, No.1, (Jan.1963).
- Barzl, Y. "The Production Function and Technical Change in the Steam-Power Industry", J.Pol.Econ., Vol. LXXII, No.2, (Ap.1964).
- Baumol, W. "External Economies and Second Order Conditions", Am. Econ.Rev., Vol. LIV No.4, Parts 1 & 2 (June 1964).
- Bergstrom, A.R., "An Econometric Study of Supply and Demand for New Zealand's Exports", Econometrica, Vol. 23 No. 3, (July 1955).
- _____ "A Model of Technical Progress. The Progress Function and Cyclical Growth", Economica, Vol. XXIX, (May- Aug. & Nov.1962).
- Borts, G.H. & E.J.Mishan. "Exploring the Uneconomic Region of the Production Function", Rev.Econ.St., Vol. XXIX (4) No.81, (Oct.1962).
- Burt, O.R. "Curve Fitting and Step Functions", J.Farm Econ., Vol. 46, No. 3, (Aug.1964).
- Byatt, G. "A Measure of Capital", Rev.Econ.St., Vol. XXX (3), No.84, (Oct.1963).
- Chenery, H.B. "Engineering Production Functions", Q.J.Econ., Vol.LXIII, No.4, (1949).
- _____ "Process and Production Functions From Engineering Data" in Leontief's Studies in the Structure of the American Economy, N.Y., (1953).

- Clemhont, S. "Returns to Scale and Aggregate Production Function", The Southern Econ. J., Vol. XXXI, No. 1 (July 1964)
- Dean, G. et al., "Supply Functions for Cotton in Imperial Valley", Agr. Econ. Res. Vol. XV No.1 (Jan. 1963)
- Diwan, R. K. "An Empirical Estimate of the Elasticity of Substitution Production Function", Ind. Econ. J., Vol. XII (Ap.-June 1965)
- Ferguson, C. E. "Cross-section Production Functions and The Elasticity of Substitution in American Manufacturing Industry", Rev. of Econ. & Stat., Vol. XLV, No. 3 (Aug. 1963)
- Frankel, M. "The Production Function in Allocation and Growth: A Synthesis", Am. Econ. Rev., Vol. LII No. 5 (Dec. 1962)
- Furuboth, E. "Engineering Data and the Production Function", Am. Econ. Rev., Vol. LV No. 3 (June 1965)
- Gerakis, A. S. "A Note on Linear and Homogeneous Functions & Marginal Products", Economica, Vol. XXIX (May, Aug., Nov. 1962)
- Gorman, W. U. "Production Functions in which the Elasticities of Substitution Stand in Fixed Proportion to Each Other", Rev. Econ. St., Vol. XXXII (3) No. 91 (July 1965)
- Hee, O. "The Effect of Price on Acreage and Yield of Potatoes", Agr. Econ. Res., Vol. IX No.1 (Jan. 1957)
- Helmstrader, E. "The Isoquants of Aggregate Production Functions with Constant Elasticity of Substitution", Jahrbucher fur National-ökonomie & Statistik, Vol. 179 No. 3 (1964)
- Hodjera, Z. "Unbaised Productivity Growth and Increasing Costs" Oxf. Econ. Pap. Vol. 15, No. 3 (Nov. 1963)
- F. Horowitz, "An Econometric Analysis of Supply and Demand in the Synthetic Rubber Industry", Economica, Vol. XXX No. 119 (Aug. 1963)
- Houck, J. P. "Price Elasticities and Joint Products", J. Farm Econ. Vol. 46, No. 3 (Aug. 1964)
- Houthakker, H. P. "The Pareto Distribution and the Cobb-Douglas Production Function in Demand Analysis" Rev. Econ. St., Vol. XXIII(1) No. 60 (1955-56)
- Invited Student Dissertations "An Adaptive Production Function", Am. Econ. Rev. Vol. LV No. 2 (May 1965)
- Kamien, M. J. "A Note on Complementarity and Substitution", Inern. Econ. Rev., Vol. V No. 2 (May 1964)

- Klein, L.R. "Some Theoretical Issues in the Measurement of Capacity", Econometrica, Vol. 28 No. 2 (Apr.1960).
- Kmenta, J. & M.E. Joseph. "A Monte Carlo Study of Alternative Estimates of the Cobb-Douglas Production Function", Econometrica, Vol. 31 No. 3, (July 1963).
- Kmenta, J., "Some Properties of Alternative Estimates of the Cobb-Douglas Production Function", Econometrica, Vol. 32 No. 1-2 (Jan.- Apr. 1964).
- Liebhafsky, H. "Diminishing Returns and Linear Homogeneity: Comments" Am. Econ. Rev., Vol. LIV No.5 (Sep.1964).
- McCarthy, M.P. "Embodied and Disembodied Technical Progress in the Constant Elasticity of Substitution Production Function", Rev.Econ. & Stat., Vol. XLVII, No. 1 (Feb.1965).
- McFadden, D. "Further Results on C.E.S. Production Functions", Rev. Econ.St., XXX (2) No. 83 (June 1963).
- Minami, R. "Econ. Growth and Labour Supply: A Note", Oxf.Econ.Pap., Vol. 16, No. 2 (July 1964).
- Mokerji, V. "The 'CES' or 'SMAC' Production Function Where There are More Than Two Inputs", Ind. Econ. J., Vol. XII, (July-Sept. 1964).
- _____ "Generalized SMAC Function with Constant Ratios of Elasticities of Substitution", Rev. Econ. St., Vol. XXX (2) No. 83 (June 1963).
- Murti, V.N. & V.K. Sastry. "Production Functions for Indian Industry", Econometrica, Vol. 25, No. 2 (April 1957).
- Nelson, R.R. "Aggregate Production Functions & Medium Growth Projections", Am. Econ. Rev., Vol. LIV, No. 5 (Sept.1964).
- Okisio, N. "A Mathematical Note on Marxian Theorems", Weltwirtschafliches Archiv, Vol. 91, No. 2 (Dec. 1963).
- Ranis, G. "Production Functions, Market Imperfections and Econ. Development", Econ. J., Vol. LXXII (June 1962).
- Rowe, J. & Moeseke. "Diminishing Returns and Linear Homogeneity", Am. Econ. Rev., Vol. LV No. 3 (June 1965).
- Samuelson, P.A. "The Fundamental Singularity Theorem for Non-joint Production", Intern. Econ. Rev., Vol. 7 No. 1 (Jan. 1966).

- Sarkar, A.K. "Production Function for Indian Steel Industry", Ind.Econ.J. Vol. XII, (Jan. March 1965).
- Solow, R. M. "The Production Function and the Theory of Capital", Rev. Econ. St., Vol. XXIII (2) No. 61 (1955-56).
- _____ "Heterogeneous Capital and Smooth Production Function: An Experimental Study", Econometrica, Vol. 31 No. 4 (Oct. 1964).
- Soper, C.S. "The Elasticity of Substitution", Econ.Record, Vol. 41, No. 96 (Dec.1965).
- Uzawa, H. "Production Functions with Elasticities of Substitution", Rev. Econ. St., Vol. XXIX (4) No. 81 (Oct. 1962).
- Pasour, E. "An Analysis of Intraseasonal Apple Price Movements", Agr. Econ. Res., Vol. XVII, No. 1 (Jan. 1965).
- Whitaker, J.K. "A Note on the CES Production Function", Rev. Econ.St., Vol. XXXI (2) No. 86 (Ap. 1964).
- Wolfson, R. J. "Long-run Costs, Short-run Costs and Production Function", Weltwirtschaftliches Archiv, Dand 85 Heft 2 (1960).

8. Miscellaneous

- Adelman, I. "An Econometric Analysis of Population Growth", Am. Econ. Rev., Vol. LIII, No. 3, (June 1963).
- Aitchison, J. & J.A.C. Brown. "A Synthesis of Engel Curve Theory", Rev. Econ. St. XXI (3), No. 56, (1953-54).
- Banerjee, K.S. "Best Linear Unbiased Index Numbers and Index Numbers Obtained Through Fractional Approach", Econometrica, Vol. 31, No. 4, (Oct. 1964).
- Barna, T. "The Interdependence of the British Economy", J.R. Stat Soc., Series A, Col. CXV, Pt. 1, (1952).
- Brazel, Y. "Some Observations on the Index Number Problem", Econometrica, Vol. 31, No. 3, (July 1963).
- Erans, W.D. "The Interindustry Relations Study for 1947", Rev. Econ. & Stat., Vol. XXXIV, No. 2, (1952).
- Ghosh, A. "Input-Output Analysis with Substantially Independent Groups of Industries", Econometrica, Vol. 28, No. 1, (Jan. 1960).
- Hansworth, G.B. "The Lorenz Curve as a General Tool of Econ. Analysis", The Econ. Record, Vol. 40, No. 91 (Sept. 1964).
- Kemp, M.C. "Index Numbers and Utility Analysis", Rev. Econ. St., Vol. XXIV 3, No. 65 (July 1957).
- Klein, R.L. "Some Theoretical Issues in the Measurement of Capacity", Econometrica, Vol. 28, No. 2 (1960).
- Lesser, C.F.V. "Forms of Engel Functions", Econometrica, Vol. 31, No. 4 (Oct. 1964).
- Medalla, G.S. "Input-Output Analysis in Development Planning", Ind. J. Econ., Vol. XLIV, No. 172, (July 1963).
- Moses, L.N. "The Stability of Interregionally Trading Patterns and Input-Output Analysis", Am. Econ. Rev. Vol. XLV, No. 5, (1955).
- New Zealand, Dept. of Statistics "Report on the Interindustry Study of the New Zealand Economy in 1952-53", Monthly Abstract of Statistics, (Feb. 1957), (Special Supplement).

Samuelson, P.A. "American Econ.Science", Economie Appliquée, Vol.XV,
No.4 (Oct. & Dec. 1962).

Theil, H. "Some Developments of Economic Thought in the
Netherlands", Am. Econ. Rev., Vol., LIV, No. 2
(March 1964).

"Survey of Foreign Postwar Developments in Economic
Thought (France, Denmark and Japan)", Am.Econ.Rev.,
Vol. LIV, No. 4, Part 1 & 2 (June 1964).

Vernon, R. "Comprehensive Model-Building in the Planning Process",
Econ.J., Vol. LXXV, No. 300 (Dec.1965).