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Prepared by: F.E. COOKSON & J.L. TRYON
Centre for Development Planning
National Planning Association
WASHINGTON D.C.

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BIBLIOGRAPHY ON PROJECT PLANNING

FORREST E. COOKSON, JR.

JOSEPH L. TRYON

Agarwala, A. N., and Singh, S. P., (eds.), The Economics of Underdevelopment. A Series of Articles and Papers. New York: Oxford University Press, 1963.

Ahumada, Jorge, "Investment Priorities," in Ellis, H.S., and Wallich, H. C., (eds.), Economic Development for Latin America. London: Macmillan, 1961.

Alchian, A. A., "Costs and Outputs," in Abramovitz, M., (ed.), Allocation of Economic Resources. Stanford: Stanford University Press, 1958.

Alchian, A. A., "The Rate of Interest, Fisher's Rate of Return Over Cost, and Keynes's Internal Rate of Return," The American Economic Review, Vol. XLV, No. 5, (December, 1955), pp. 938-43.

Ando, Toyaraku, "Interrelations Between Large and Small Industrial Enterprises in Japan," in United Nations, Department of Economic and Social Affairs, Industrialization and Productivity, Bulletin No. 2, March, 1959.

Anthony, R. N., Management Accounting. Homewood, Ill.: Richard D. Irwin, 1956.

Arndt, H. W., "External Economies in Economic Growth," Economic Record, Vol. XXXI, No. 61, (November, 1955), pp. 192-214.

Arrow, K. J., "Alternative Approaches to the Theory of Choice in Risk Taking Situation," Econometrica, Vol. 19, No. 4, (October, 1951), pp. 404-37.

Asher, R. E., Hagen, E. E., Hirschman, A. O., and others, Development of the Emerging Countries - An Agenda for Research. Washington: Brookings Institution, 1962.

Aubrey, Henry G., "Investment Decisions in Underdeveloped Countries," in Capital Formation and Economic Growth. Princeton: Princeton University Press, 1955.

Aubrey, Henry G., "Industrial Investment Decisions: A Comparative Analysis," Journal of Economic History, Vol. XV, No. 4, (December, 1955), pp. 335-51. Excerpts in Okan, E. and Richardson, R. W. (eds.), Studies in Economic Development. New York: Holt, Rinehart and Winston, 1962.

- Akrust, O., "Investment and Economic Growth," Productivity Measurement Review, No. 16 (February, 1959), pp. 35-53.
- Baechi, A. K., "The Choice of the Optimum Technique," The Economic Journal, Vol. LXXII, No. 287, (September, 1962), pp. 659-76.
- Bailey, Martin J., "Formal Criteria For Investment Decisions," The Journal of Political Economy, Vol. LXVII, No. 5, (October, 1959), pp. 476-88.
- Bain, J., "Criteria for Undertaking Water Resources Development," The American Economic Review, Vol. L, No. 2, (May, 1960), pp. 310-20.
- Baldwin, K.D.S., "How to Assess Investment Proposals," Harvard Business Review, Vol. 37, No. 3, (May-June, 1959), pp. 98-104.
- Baldwin, K.D.S., The Niger Agricultural Project: An Experiment in African Development. Cambridge: Harvard University Press, 1957.
- Balogh, T., "Equity and Efficiency: The Problem of Optimal Investment in a Framework of Underdevelopment," Oxford Economic Papers, Vol. 14, No. 1, (February, 1962), pp. 25-35.
- Barges, Alexander., The Effect of Capital Structure on the Cost of Capital: A Test and Evaluation of the Modigliani and Miller Propositions. Englewood Cliffs, N. J.: Prentice-Hall, 1963.
- Barron, A. R., "Investment Decisions in Foreign Countries - Austria, An Example of a Successful Development Program," Engineering Economist, Vol. 7, No. 3, (April-May 1962), pp. 21-34.
- Bator, F. M., "on Capital Productivity, Input Allocation and Growth," The Quarterly Journal of Economics, Vol. LXXI, No. 1, (February, 1957), pp. 86-106.
- Bator, F. M., "The Anatomy of Market Failure," The Quarterly Journal of Economics, Vol. LXXII, No. 3, (August, 1958), pp. 351-79.
- Beesley, M. E., "Financial Criteria for Investment in Railways," Bulletin of the Oxford University Institute of Statistics, Vol. 24, No. 1, (February, 1962), pp. 31-50.
- Beesley, M. E., "Mr. Glassborow on Investment Criteria," Bulletin of the Oxford University Institute of Statistics, Vol. 23, No. 2, (May, 1961), pp. 187-94.
- Beesley, M. E., Blackburn, A. J., and Foster, C. D., Investment in Urban Motorways. Paper presented to a Conference on the Economics of Urban Congestion, London School of Economics, September 13-16, 1962.

Bell, David
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Bhatt, V.
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Bhatt, V.
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Boon, G.
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Boon, G.
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Netherlan

Boon, G.
Industria
Economic
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Boon, G.
Attempt t
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Bell, David E., "Allocating Development Resources: Some Observations Based on Pakistan Experience," Public Policy, Harvard University Graduate School of Public Administration, (Cambridge, Massachusetts), 1959, pp. 84-106.

Bettelheim, C., "On the Problem of Choice Between Alternative Investment Projects," Soviet Studies, Vol. 11, No. 1, (July, 1959), pp. 22-42.

Bhagwati, J., "The Theory of Comparative Advantage in the Context of Underdevelopment and Growth," The Pakistan Development Review, Vol. 11, No. 3, (Autumn, 1962), pp. 339-53.

Bhatt, V. V., "Capital Intensity of Industries: A Comparative Study of Certain Countries," Bulletin of the Oxford University Institute of Statistics, Vol. 18, No. 2, (May, 1956), pp. 179-94.

Bhatt, V. V., Employment and Capital Formation in Underdeveloped Economies, Bombay: Orient Longmans, 1960.

Bhatt, V. V., "Employment and Capital Intensity," The Indian Economic Journal, Vol. II, No. 2, (October, 1954), pp. 142-55.

Bhatt, V. V., "External Capital and Economic Development," Arthaniti, Vol. II, No. 11, (May, 1959), pp. 139-52.

Bierman, Harold, Jr., and Smidt, Seymour., The Capital Budgeting Decision. New York: McMillan Company, 1960.

Black J., "Investment Criteria Under Socialism & Capitalism," Oxford Economic Papers, (new series), Vol. XIV, No. 2, (June, 1962), pp. 154-67.

Blitz, R. C., "Capital Longevity and Economic Development," The American Economic Review, Vol. XLVIII, No. 3, (June, 1958), pp. 513-28.

Bohr, Kenneth A., "Investment Criteria for Manufacturing Industries in Underdeveloped Countries," The Review of Economics and Statistics, Vol. XXXVI, No. 2, (May, 1954), pp. 157-66.

Boon, G. K., "A Case Study of a Construction Process: Field Trenches," Alternative Techniques of Production, Progress Report No. 5, Netherlands Economic Institute, Rotterdam, 1960.

Boon, G. K., "Choice of Agricultural Technology: Five Methods for Producing Grain," Alternative Techniques of Production, Progress Report No. 6, Netherlands Economic Institute, Rotterdam, April, 1961.

Boon, G. K., "Choice of Industrial Technology: The Case of Wood Working," Industrialization and Productivity, March, 1960, issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 3, pp. 25-31.

Boon, G. K., Economic Choice of Human and Physical Factors in Production: An Attempt to Measure the Micro-Economic and Macro-Economic Possibilities of Factor Proportions of Productions. Amsterdam: North Holland Press, 1964.

- Borts, G. H., "The Equalization of Returns and Regional Economic Growth," The American Economic Review, Vol. L, No. 3, (June, 1960), pp. 319-47.
- Bos, H. C., and Koyck, L. M., "The Appraisal of Road Construction Projects: A Practical Example," The Review of Economics and Statistics, Vol. XLIII, No. 1, (February, 1961), pp. 13-20.
- Bottomley, J. A., "The Premium for Risk as a Determinant of Interest Rates in Underdeveloped Rural Areas," The Quarterly Journal of Economics, Vol. LXXVII, No. 4, (November, 1963), pp. 637-47.
- Boulding, K. E., "The Theory of a Simple Investment," The Quarterly Journal of Economics, Vol. XLIV, No. 3, (May, 1935), pp. 475-94.
- Bowman, Mary Jean, (ed.), Expectations, Uncertainty, and Business Behaviour New York: Social Science Research Council, 1958.
- Bruno, M., Interdependence, Resource Use and Structural Change in Israel. Jerusalem: Bank of Israel, 1962.
- Bryce, Murray D., Industrial Development: A Guide for Accelerating Economic Growth. New York: McGraw-Hill, 1960. (See Chapter 2, "Criteria for Judging the Value of Industrial Projects to the Economy.")
- Buchanan, N. S., International Investment and Domestic Welfare. New York: Henry Holt and Company, 1945.
- Chakravarty, S., "An Outline of a Method for Programme Evaluation," in Rosenstein-Rodan, P. N., (ed.), Capital Formation and Economic Development. Cambridge: M.I.T. Press, 1964.
- Chakravarty, S., "Optimal Savings with Finite Planning Horizon," International Economic Review, Vol. 3, No. 5, (September, 1962), pp. 338-55.
- Chakravarty, S., "The Existence of an Optimum Savings Program," Econometrica, Vol. 30, No. 1, (January, 1962) pp. 178-87.
- Chakravarty, S., The Logic of Investment Planning. Amsterdam: North Holland Press, 1959.
- Chakravarty, S., "The Use of Shadow Prices in Programme Evaluation," in Rosenstein-Rodan, P. N., (ed.), Capital Formation and Economic Development. Cambridge: M.I.T. Press, 1964.
- Charnes, A., and Cooper, W. W., Management Models and Industrial Applications of Linear Programming. New York: John Wiley and Sons, 1961.
- Charnes, A., Cooper, W. W., and Miller, M. H., "Application of Linear Programming to Financial Budgeting and the Costing of Funds," The Journal of Business, Vol. XXXII, No. 1, (January, 1959), pp. 20-46.
- Chenery, Hollis B., "Comparative Advantage and Development Policy," The American Economic Review, Vol. LI, No. 1, (March, 1961), pp. 18-51. (Reprinted in Morgan, Betz, and Choudhry, Readings in Economic Development.)

Chenery, Hollis B., "Development Policies and Programmes," Economic Bulletin for Latin America, Vol. III, No. 1 (March, 1958), pp. 51-76.

Chenery, Hollis B., "Patterns of Industrial Growth," The American Economic Review, Vol. L, No. 4, (September, 1960), pp. 624-54.

Chenery, Hollis B., "The Application of Investment Criteria," The Quarterly Journal of Economics, Vol. LXVII, No. 1, (February, 1953), pp. 76-96.

Chenery, Hollis B., "The Interdependence of Investment Decisions," in Abranovitz, M. (ed.), The Allocation of Economic Resources. Stanford: Stanford University Press, 1959.

Chenery, Hollis B., "The Role of Industrialization in Development Programs," The American Economic Review, Vol. XLV, No. 2, (May, 1955), pp. 40-57. (Reprinted in Agarwala, A. N. and Singh, S. P. (ed.), The Economics of Underdevelopment.)

Chenery, Hollis B., "The Use of Inter-Industry Analysis in Development Programming," in Barna, T. (ed.), Structural Interdependence and Economic Development. New York: St. Martin's Press, 1963.

Chenery, H. B., and Kretschner, K. S., "Resource Allocation for Economic Development," Econometrica, Vol. 24, No. 4, (October, 1956), pp. 365-95.

Chenery, H. B., and Uzawa, H., "Non-Linear Programming in Economic Development," in Arrow, K.J. Hurvitz, L. and Uzawa, H. (eds.), Studies in Linear and Non-Linear Programming. Stanford: Stanford University Press, 1958.

Church-Harrison, R. J., "Observations on Large Scale Irrigation Development in Africa," Agricultural Economics Bulletin for Africa, No. 4, (November, 1963), pp. 1-48.

Ciquet, R., and Morlay, G., "The Causes of Systematic Errors in the Cost Estimates of Public Works," Document No. T-76, The Rand Corporation, Paris, 1952.

Clark, P. G., and Sheahan, J. B., Case Book in Development Programming. The Center for Development Economics, Williams College, Williamston, Massachusetts, U.S.A., (Micrographed), September, 1962.

Correa, H., and Tinbergen, J., "Adaptation of Education to Accelerated Growth," Kyklos, Vol. XV, No. 4, (December, 1962), pp. 776-86.

Council for Economic and Industry Research, Inc., Selection of Industrial Projects: Ceylon, Iran. Prepared for the International Cooperation Administration by CEIR, 1957.

Dawson, R.F.F., "A Reply to Glassborow's Criticism of the Economic Assessment of the London-Birmingham Motorway," Bulletin of the Oxford University Institute of Statistics, Vol. 23, No. 3, (August, 1961), pp. 299-301.

- Dean, J., Capital Budgeting. New York: Columbia University Press, 1951.
- Dean, J., Managerial Economics. New York: Prentice-Hall, 1951.
- Dean, J., Management of Capital Expenditures, 1959-60 Series. Bureau of Business Research. Austin: The University of Texas, 1960.
- Dean, J., "Measuring the Productivity of Capital," Harvard Business Review, Vol. 32, No. 1, (January-February, 1954), pp. 120-30.
- Dhar, P. M., Small Scale Industries in Delhi. Bombay: Asia Publishing House 1958.
- Dobb, M., "A Note on the Degree of Capital Intensity of Investments in Underdeveloped Countries," Economic Appliquee, Vol. VI, No. 7, (1954), Reprinted in Dobb, M., On Economic Theory and Socialism. London: Routledge and Kegan Paul, 1955.)
- Dobb, M., "A Note on the Discussion of the Problem of Choice Between Alternative Investments Projects," Soviet Studies, Vol. II, No. 3, (January, 1951), pp. 289-95.
- Dobb, M., "Some Problems in the Theory of Growth and Planning Policy," Kyklos, Vol. XIV, No. 2, (1961), pp. 135-52.
- Dorfman, Robert., (ed.), Measuring Benefits of Government Investments. Papers presented at a conference of experts held November 7-9, 1963. Studies of Government Finance. Washington, D. C.: The Brookings Institution, 1965.
- Dryden, Myles., "Capital Budgeting Treatment of Uncertainty and Investment Criteria," The Scottish Journal of Political Economy, Vol. XI, No. 3, (November, 1961), pp. 235-59.
- Dryden, Miles., "The MAPI Urgency Rating as an Investment Ranking Criterion," The Journal of Business, Vol. XXXIII, No. 4, (October, 1960), pp. 327-41.
- Eckaus, Richard S., "Choice of Technology," The Economic Weekly, Bombay, Vol. XII, Nos. 4/6, (February 4, 1961), pp. 197-202.
- Eckaus, Richard S., "Technological Change in the Less Developed Areas," in Development of the Emerging Countries: An Agenda for Research. Washington, D. C.: The Brookings Institution, 1962.
- Eckaus, Richard S., "The Factor Proportions Problem in Underdeveloped Areas," The American Economic Review, Vol. XLV, No. 4, (September, 1955), pp. 539-65. (Reprinted in _____, A. N. and Singh, S. P., (eds.), The Economics of Underdevelopment.)
- Eckaus, R. S., and Lefcher, L., "Capital Formation: A Theoretical and Empirical Analysis," The Review of Economics and Statistics, Vol. XLIV, No. 2, (May 1962), pp. 113-22.
- Eckstein, Otto., "A Survey of the Theory of Public Expenditure Criteria," in Public Finance: Needs, Sources and Utilization. Princeton: Princeton University Press, 1961.
- Eckstein, Otto., "Capital Theory and Some Theoretical Problems in Development Planning," The American Economic Review, Vol. LI, No. 2, (May, 1961), pp. 92-01.

Eckstein, Otto., "Investment Criteria for Economic Development and the Theory of Intertemporal Welfare Economics," The Quarterly Journal of Economics, Vol. LXXI, No. 1, (February, 1957), pp. 56-85.

Eckstein, Otto., Water Resource Development: The Economics of Project Evaluation. Cambridge: Harvard University Press, 1958.

Edwards, Bruce., "Time Preference and Development Planning: Screening and Selection of Projects." Center for Development Planning, NPA, Document M-7883, Dev. Plan., 64-2, May, 1964, (mimeographed).

Egerton, R.A.D., Investment Decisions Under Uncertainty. Liverpool: Liverpool University Press, 1960.

Enke, Stephen., Economics for Development. Englewood Cliffs, N.J.: Prentice-Hall, 1963. (see Chapter 15, "Alternative Investment Criteria.")

Farrar, Donald., The Investment Decision Under Uncertainty. Englewood Cliffs, N. J.: Prentice-Hall, 1962.

Federal Inter-Agency River Basin Committee. Proposed Practices for Economic Analysis of River Basin Projects. Report of the Federal Inter-Agency River Basin Committee. Washington, D. C.: Government Printing Office, May, 1950.

Feldstein, M. S., "Opportunity Cost Calculations in Cost-Benefit Analysis," Public Finance, Vol. XIX, No. 2, (1964), pp. 117-39.

Feldstein, M. S., "The Social Time Preference Discount Rate in Cost-Benefit Analysis," The Economic Journal, Vol. LXXIV, No. 294, (June, 1964), pp. 360-79.

Findlay, R. F., "Capital Theory and Development Planning," The Review of Economic Studies, Vol. XXIX, No. 2, (February, 1962), pp. 85-98.

Fisher, I., The Theory of Interest. New York: Macmillan Co., 1930.

Fishlow, A., and David, P., "Optimal Resource Allocation in an Imperfect Market Setting," The Journal of Political Economy, Vol. LXIX, No. 6, (December, 1961), pp. 529-46.

Fleming, John M., "External Economies and the Doctrine of Balanced Growth," The Economic Journal, Vol. LXV, No. 258, (June, 1955), pp. 241-56 (Reprinted in Agarwala, A.N. and Singh, S.P. (eds.), The Economics of Underdevelopment,

Foldes, Lucien., "Imperfect Capital Markets and the Theory of Investments," The Review of Economic Studies, Vol. LXXVII, No. 3, (June, 1961), pp. 182-95.

Foster, C. D., "Surplus Criteria for Investment," Bulletin of the Oxford University Institute of Statistics, Vol. 22, No. 4, (November, 1960), pp. 357-58.

Furtado, Celso., "Capital Formation and Economic Development," International Economic Papers, No. 4, (1954). (Reprinted in Agarwala, A. N. and Singh, S. P. (eds.), The Economics of Underdevelopment.)

- Galenson, W., and Leibenstein, H., "Investment Criteria, Productivity and Economic Development," The Quarterly Journal of Economics, Vol. LXIX, No. 3, (August, 1955), pp. 343-70.
- Glassborow, D. F., "Mr. Glassborow on Investment Criteria: A Reply," Bulletin of the Oxford University Institute of Statistics, Vol. XXIII, No. 4, (May, 1961), pp. 195.
- Glassborow, D. F., "The Road Research Laboratory's Investment Criterion Examined," Bulletin of the Oxford University Institute of Statistics, Vol. 22, No. 4, (November, 1960), pp. 327-36.
- Gopal, H. H., "Allocation of Capital Resources in a Planned Economy," The Indian Economic Journal, Vol. 111, No. 2, (October, 1955), pp. 127-53.
- Gordon, David L., "Charting the Channels for Development Capital," Finance and Development, Vol. II, No. 2, (June, 1965), pp. 79-89.
- Gordon, Myron J., "The Pay-off Period and the Rate of Profit," The Journal of Business, Vol. XXVIII, No. 4, (October, 1955), pp. 253-60.
- Grant, E. L., and Ireson, W. G., Principles of Engineering Economy. New York: Ronald Press, 1960.
- Griliches, Zvi, "Research Costs and Social Returns: Hybrid Corn and Related Innovations," The Journal of Political Economy, Vol. LXVI, No. 5, (October, 1958), pp. 419-31.
- Haavelmo, Trygve., A Study in the Theory of Investment. Chicago: The University of Chicago Press, 1960.
- Hagen, Everett E., Handbook for Industry Studies. Glencoe, Ill.: The Free Press, Published for the Center of International Studies, M.I.T., 1958.
- Hagen, E. E., (ed.), Planning Economic Development: A Study. Center for International Studies - M.I.T. Homewood, Ill.: Richard D. Irvin, 1963.
- Han, Yankie., "In-Plant Training of Graduate Engineers," Industrialization and Productivity, April 1961. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 4, pp. 50-57.
- Harberger, A. C., "Using the Resources at Hand More Effectively," The American Economic Review, Vol. XLIX, No. 2, (May, 1959), pp. 134-46.
- Harbison, F. H., "Human Resources Development Planning in Modernising Economies," International Labor Review, Vol. LXXXV, No. 5, (May, 1962), pp. 435-58.
- Hawkins, E. K., "Investment in Roads in Underdeveloped Countries," Bulletin of the Oxford University Institute of Statistics, Vol. 22, No. 4, (November, 1960), pp. 359-70.
- Hayes, Samuel P., Measuring the Results of Development Projects: A Manual for the Use of Field Workers. Paris: UNESCO, 1959.

Healey, J. M., "Errors in Project Cost Estimates," The Indian Economic Journal, Vol. XII, No. 1, (July-September, 1964), pp. 44-52.

Hetrick, J. S., "Mathematical Models in Capital Budgeting," Harvard Business Review, Vol. 39, No. 1, (January-February, 1961), pp. 49-64.

Hicks, J. R., "The Rehabilitation of Consumers Surplus," The Review of Economic Studies, Vol. VIII, No. 2, (February, 1941), pp. 103-16.

Higgins, Benjamin, Economic Development: Principles, Problems, and Policies. New York: W. W. Norton, 1959. (See Chapter 27, "Planning Economic Development.")

Hirsch, W. Z., "Manufacturing Progress Function," The Review of Economics and Statistics, Vol. XXXIV, No. 2, (May, 1952), pp. 143-55.

Hirshleifer, J., "Efficient Allocation of Capital in an Uncertain World," The American Economic Review, Vol. LIV, No. 3, (May, 1964), pp. 77-85.

Hirshleifer, J., "On the Theory of Optimal Investment Decision," The Journal of Political Economy, Vol. LXVI, No. 4, (August, 1958), pp. 329-52.

Hirshleifer, J., "Risk, the Discount Rate, and Investment Decisions," The American Economic Review, Vol. LI, No. 2, (May, 1961), pp. 112-20.

Hirshleifer, J., Dellavari, J. C., and Milliman, J. V., Water Supply: Economics, Technology and Policy. Chicago, Ill.: University of Chicago Press, 1960.

Hirschman, A. O., "Investment Policies and 'Dualism' in Underdeveloped Countries," The American Economic Review, Vol. XLVII, No. 5, (September, 1957), pp. 550-70.

Hirschman, A. O., Journeys Toward Progress: Studies of Economic Policy Making in Latin America, New York, 20th Century Fund, 1963

Hirschman, A. O., The Strategy of Economic Development. New Haven: Yale University Press, 1958.

Hirschman, A. O., and Sirkin, G., "Investment Criteria and Capital Intensity Once Again," The Quarterly Journal of Economics, Vol. LXXII, No. 3, (August, 1958), pp. 469-71.

Horvat, B., "Methodological Problems in Long Term Economic Development Programming," Industrialization and Productivity, 1962. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 5, pp. 37-51.

Hotelling, H., "The Relation of Prices to Marginal Costs in an Optimum System," Econometrica, Vol. 7, No. 2, (April, 1939), pp. 151-55.

International Bank for Reconstruction and Development. Some Techniques of Development Lending. Washington, D. C.: (September, 1960).

Istvan, Donald F., "The Economic Evaluation of Capital Expenditures," The Journal of Business, Vol. XXXIV, No. 1, (January, 1961), pp. 45-51.

- Joelson, Walter K., "Suggestions for a Planned Industrial Promotion Program," Economic Development Administration, San Juan, Puerto Rico. (October 1, 1962).
- Kahn, A. E., "Investment Criteria in Development Programs," The Quarterly Journal of Economics, Vol. LXV, No. 1, (February, 1951), pp. 38-61.
- Kaplan, N., "Investment Alternatives in Soviet Economic Theory," The Journal of Political Economy, Vol. LX, No. 2, (April, 1952), pp. 133-44.
- Kaufman, Gordon, M., "Sequential Investment Analysis under Uncertainty," The Journal of Business, Vol. XXXVI, No. 1, (January, 1963), pp. 39-64.
- Kindelberger, Charles P., Economic Development. New York: McGraw-Hill, 1958. (See Chapter 9, "Balance versus Priorities" and Chapter 10, "Labor-intensive versus Up-to-date Technology.")
- Krutilla, J. V., "Welfare Aspects of Benefit-Cost Analysis," The Journal of Political Economy, Vol. LXIX, No. 3, (June, 1961), pp. 226-35.
- Krutilla, J. V., and Eckstein, Otto, Multiple Purpose River Development. Baltimore: Johns Hopkins University Press, 1958.
- Kuhn, T., Public Enterprise Economics and Transport Problems. Berkeley: University of California Press, 1962.
- Lawless, R. M., and Haas, P. R. Jr., "How to Determine the Right-Size Plant," Harvard Business Review, Vol. 40, No. 3, (May-June, 1962), pp. 97-113.
- Leibenstein, H., "Investment Criteria and Empirical Evidence - A Reply to Mr. Ranis," The Quarterly Journal of Economics, Vol. LXXVII, No. 1, (February, 1963), pp. 175-79.
- Leibenstein, H., "Why do we Disagree on Investment Policies for Development," The Indian Economic Journal, Vol. V, No. 4, (April, 1958), pp. 369-86. (Reprinted in Morgan, Betz, and Chaudhry, Readings in Economic Development.)
- Leontief, W., "Theoretical Note on Time-Preference, Productivity of Capital, Stagnation & Economic Growth," The American Economic Review, Vol. XLVIII, No. 1, (March, 1958), pp. 105-10. (Reprinted in Morgan, Betz, and Chaudhry, Readings in Economic Development.)
- Lerner, Abba P., The Economics of Control: Principles of Welfare Economics. New York: The Macmillan Company, 1960.
- Lewis, W. A., "The Industrialisation of the British West Indies," Caribbean Economic Review, Vol. 11, No. 1, (May, 1950), pp. 1-61.
- Linsev, R. G., and Lancaster, R., "The General Theory of the Second Best," The Review of Economic Studies, Vol. XXIV, (1), No. 63, 1956-57, pp. 11-32.
- Little, A. S., "Report on 10 Year Industrial Plan for Puerto Rico to the Puerto Rico Economic Development Administration." Reprinted by the U. S. International Cooperation Administration, Technical Aids Branch, Office of Industrial Resources, 1961.

Lorie, James H., and Savage, Leonard J., "Three Problems in Rationing Capital," The Journal of Business, Vol. XXVIII, No. 4, (October, 1955), pp. 229-39.

Lutz, F., and Lutz, V., The Theory of Investment of the Firm. Princeton: Princeton University Press, 1951.

Mass, Arthur, (ed.) Design of Water-Resource System: New Techniques for Relating Economic Objectives, Engineering Analysis, and Government Planning. Cambridge: Harvard University Press, 1962.

Malinvaud, B., "Capital Accumulation and Efficient Allocation of Resources," Econometrica, Vol. 21, No. 2, (April, 1953), pp. 233-68.

Manne, A., and Markowitz, H. M., (eds.), Studies in Process Analysis. New York: John Wiley and Sons, 1963.

Marglin, S. A., Approaches to Dynamic Investment Planning. Amsterdam: North Holland Press, 1963.

Marglin, S. A., "The Opportunity Costs of Public Investment," The Quarterly Journal of Economics, Vol. LXXVII, No. 2, (May, 1963), pp. 274-89.

Marglin, S. A., "The Social Rate of Discount and the Optimal Rate of Investment," The Quarterly Journal of Economics, Vol. LXXVII, No. 1, (February, 1963), pp. 95-111.

Margolis, J., "Secondary Benefits, External Economies, and the Justification of Public Investment," The Review of Economics and Statistics, Vol. XXXIX, No. 3, (August, 1957), pp. 284-91.

Margolis, J., "The Economic Evaluation of Federal Water Resource Development," The American Economic Review, Vol. XLIX, No. 1, (March, 1959), pp. 96-111.

Markowitz, Harry., Portfolio Selection: Efficient Diversification of Investments. New York: John Wiley, 1959.

Marschak, T., "Capital Budgeting and Pricing in the French Nationalised Industries," The Journal of Business, Vol. XXXIII, No. 2, (April, 1960), pp. 133-56.

Marshall, Alfred., Principles of Economics, eighth edition. London: Macmillan, 1920.

Masse, Pierre., Optional Investment Decisions: Rules for Action & Criteria for Choice. Translated from French by Scriptatechnica Inc. Englewood Cliffs, N. J.: Prentice-Hall, 1962.

Meier, C. M., and Baldwin, R. E., Economic Development: Theory, History, Policy. New York: John Wiley and Sons, 1957. (See "Investment Criteria," pp. 353-354.)

Merret, A. J., and Sykes, A., The Finance and Analysis of Capital Projects. New York: John Wiley, 1963.

Miller, R. W., Schedule, Cost and Profit Control with PERT. New York: McGraw-Hill Company, 1963.

- Millikan, Max F., (ed.), Investment Criteria and Economic Growth. Cambridge: Center for International Studies, M.I.T., 1955.
- Mills, G., and Howe, M., "On Planning Railway Investment", Bulletin of the Oxford University Institute of Statistics, Vol. 24 No. 1, (Feb., 1962) pp. 51-60
- Mishan, E. J., "A Re-Appraisal of the Principles of Resource Allocation," Economica, Vol. XXIV, No. 96, (November, 1957), pp. 324-43.
- Mishan, E. J., "Second Thoughts on Second Best," Oxford Economic Papers, Vol. 14, No. 3, (October, 1962), pp. 205-17.
- Modigliani, Franco, and Miller, Merton., "The Cost of Capital Coromation Finance and the Theory of Investment," The American Economic Review, Vol. XLVIII, No. 3, (June, 1958), pp. 261-97.
- Modigliani, Franco, and Miller, Merton., "Corporate Income Taxes and the Cost of Capital: A Correction," The American Economic Review, Vol. LIII, No. 3, (June, 1963), pp. 433-43.
- Modigliani, Franco, and Miller, Merton., "Dividend Policy, Growth, and the Valuation of Shares," The Journal of Business, Vol. XXXIV, No. 4, (October, 1961), pp. 411-33.
- Moes, John, "Investment Criteria, Productivity & Economic Development," The Quarterly Journal of Economics, Vol. LXXI, No. 1, (February, 1957) pp. 160-64.
- Montias, J. M., Central Planning in Poland. New Haven: Yale University Press, 1962.
- Montias, John Michael., "Producer Prices in a Centrally Planned Economy - The Polish Discussion," in Gregory Grossman, editor, Value and Plan, Economic Calculation and Organization in Eastern Europe. Berkley: University of California Press, 1960.
- Moore, F. T., "Economies of Scale: Some Statistical Evidence," The Quarterly Journal of Economics, Vol. LXXIII, No. 2, (May, 1959), pp. 232-45.
- Morgan, T., and Betz, G. W. and Choudhry, N. K., (eds.), Readings in Economic Development. Belmont, California: Wadsworth, 1963.
- MacDougall, G.D.A., "The Benefits and Costs of Private Investment from Abroad, A Theoretical Approach," Bulletin of the Oxford University Institute of Statistics, Vol. 22, No. 3, (August, 1960), pp. 189-211.
- McKean, Roland N., Efficiency in Government Through Systems Analysis. New York: John Wiley and Sons, 1958.
- McLean, John G., "How to Evaluate New Capital Investments," Harvard Business Review, Vol. 36, No. 6, (November-December, 1958), pp. 59-69.
- McMannus, Maurice, "Comments on the General Theory of Second Best," The Review of Economic Studies, Vol. XXVI, No. 3, (June, 1959), pp. 209-24.

National Academy of Sciences, Economic Benefits from Oceanographic Research. A Special Report of the Committee on Oceanography. Washington, D. C.: National Research Council, 1964.

Neisser, H., "Investment Criteria, Productivity and Economic Development," The Quarterly Journal of Economics, Vol. LXX, No. 4, (November, 1956), pp. 644-46.

Neison, James R., "Practical Applications of Marginal Cost Pricing in the Public Utility Field," The American Economic Review, Vol. LIII, No. 2, (May, 1963), pp. 474-81.

Netherlands Economic Institute, "A Case Study of Filing and Grinding," Alternative Techniques of Production, Progress Report No. 1. Research Institute for Management Science. Delft: January, 1957.

Netherlands Economic Institute, "A Case Study of Three Turning Operations," Alternative Techniques of Production, Progress Report No. 2. Research Institute for Management Science, Delft: May, 1957.

Netherlands Economic Institute, Subsidies and the Substitution of Labor for Capital. Rotterdam: Netherlands Economic Institute, January, 1956.

Novozhilov, V. V., "On Choosing Between Investment Projects," International Economic Papers, No. 6, 1956. (Translated from Transactions of the Leningrad Industrial Institute, 1939.), pp. 60-87.

Okita, Saburo, "Choice of Techniques," Industrialization and Productivity, April, 1961. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 4, pp. 21-27.

Papanek, G. F., and Qureshi, M. A., "The Use of Accounting Prices in Planning," in Organization, Planning and Programming for Economic Development. Vol. VIII of U. S. Papers prepared for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas. Washington: Government Printing Office, n.d.

Pepelasis, A., Mears, L., and Adelman, I., (eds.), Economic Development: Analysis and Case Studies. New York: Warner and Brothers, 1961. (See "Investment Criteria," Pages 116-31.)

Peston, M. H., "Returns to Scale," Oxford Economic Papers, Vol. 12, No. 2, (June, 1960), pp. 133-40.

The President's Water Resources Policy Commission. A Water Policy for the American People. The Report of the President's Water Resources Policy Commission, Vol. I. Washington, D. C.: Government Printing Office, 1960.

Qayum, A., Theory and Policy of Accounting Prices. Amsterdam: North Holland Press, 1959.

Radner, Roy, Notes on the Theory of Economic Planning. Athens: C. Serbinis Press, Center of Economic Research, 1963.

- Raj, K. N., Some Economic Aspects of the Bhakra Nangal Project: A Preliminary Analysis in Terms of Selected Investment Criteria. New Delhi: Asia Publishing House, 1960.
- Raj, K. N., "Application of Investment Criteria in the Choice Between Projects," The Indian Economic Review, Vol. III, No. 2, (August, 1956), pp. 22-39.
- RAND Corporation, "Reliability of Cost Estimates: Some Evidence," Santa Monica, California: The RAND Corporation, Document No. RM-481, October 30, 1950.
- Ranis, G., "Allocation Criteria and Population Growth," The American Economic Review, Vol. LIII, No. 2, (May, 1963), pp. 619-33.
- Ranis, G., "Investment Criteria, Productivity and Economic Development: An Empirical Comment," The Quarterly Journal of Economics, Vol. LXXVI, No. 2, (May, 1962), pp. 298-10.
- Reiter, S., "Choosing An Investment Program Among Interdependent Projects," The Review of Economic Studies, Vol. XXX, No. 1, (February, 1963), pp. 32-36.
- Reiter, S., and Sherman, G. R., "Allocating Indivisible Resources Affording External Economies or Diseconomies," International Economic Review, Vol. 3, No. 1, (January, 1962), pp. 168-35.
- Sain, Kanwer., "Historical Development of Criteria for Justification of Irrigation Projects in India," Proceedings of the Regional Technical Conference on Water Resources Development in Asia and the Far East. United Nations Flood Control Series, No. 9, September, 1956.
- Samuelson, Paul A., Foundations of Economic Analysis. Cambridge: Harvard University Press, 1948.
- Schultz, T. W., "Investment in Human Capital," The American Economic Review, Vol. LI, No. 1, (March, 1961), pp. 1-17.
- Schwartzman, D., "The Methodology of the Theory of Returns to Scale," Oxford Economic Papers, (New Series), Vol. 10, No. 1, (February, 1958), pp. 98-105.
- Scitovsky, Tibor, "Two Concepts of External Economies," The Journal of Political Economy, Vol. LVII, No. 2, (April, 1954), pp. 172-51. (Reprinted in Scitovsky, Tibor, Papers on Welfare and Growth. Stanford: Stanford University Press, 1964.)
- Sen, A. K., Choice of Techniques - An Aspect of the Theory of Planned Economic Development. Oxford: Blackwell, 1960.
- Sen, A. K., "Choice of Capital Intensity Further Considered," The Quarterly Journal of Economics, Vol. LXXIII, No. 3, (August, 1959), 446-84.
- Sen, A. K., "Some Notes on the Choice of Capital Intensity in Development Planning," The Quarterly Journal of Economics, Vol. LXXI, No. 4, (November, 1957), pp. 561-81.

Sheahan, J., "International Specialization and the Concept of Balanced Growth," The Quarterly Journal of Economics, Vol. LXXII, No. 2, (May, 1958), pp. 188-97.

Smith, V., Investment and Production: A Study in the Theory of the Capital Using Enterprise. Cambridge, Massachusetts: Harvard University Press, 1961.

Solomon, E., (ed.), The Management of Corporate Capital. Glencoe, Ill.: The Free Press, 1959.

Solomon, M. J., Better Plant Utilization in India: A Blueprint for Action. Bureau of Census, U.S. Department of Commerce, Washington, D. C., June, 1961. Also - Calcutta: Statistical Publishing Society, and Bombay: Asia Publishing Society, 1963.

Spence, T.N., "Investment Criteria and Choice of Techniques of Production." Yale Economic Essays, Vol. II, No. 1, (Spring, 1962), pp. 59-125.

Stanford Research Institute, Manual of Industrial Development with Special Application to Latin America. Washington, D. C.: I.C.A., June, 1954.

Stanford Research Institute, The Role of Small Scale Manufacturing in Economic Development: The Experience of Industrially Advanced Nations as a Guide for Newly Developing Areas. Washington, D. C., 1957.

Stedry, A. C., Budget Control and Cost Behavior. Englewood Cliffs, N.J.: Prentice-Hall, 1960.

Steiner, P. O., "Choosing Among Alternative Public Investments," The American Economic Review, Vol. XLIX, No. 5, (December, 1959), pp. 803-16.

Strumilin, S. G., "Concerning the Problem of Optimum Proportions," Problems of Economics, Vol. V, No. 3, (July, 1962), pp. 3-13.

Strumilin, S. G., "The Time Factor in Capital Investment Projects," International Economic Papers, No. 1, 1951, pp. 160-85.

Terborgh, George, Business Investment Policy: A MAPI Study and Manual. Washington, D. C.: Machine and Allied Products Institute and Council for Technological Advancement, 1958.

Terborgh, George, Dynamic Equipment Policy. New York: McGraw-Hill, 1949.

Tinbergen, Jan., "Choice of Technology in Industrial Planning," Industrialization and Productivity, April, 1958. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 1, pp. 24-34.

Tinbergen, Jan., Economic Policy: Principles and Design. Amsterdam: North Holland Press, 1956. (See Chapter 5.)

Tinbergen, Jan., "Mill Versus Cottage Industries: A Method of Appraisal," The Economic Weekly, (Bombay), Vol. IX, Nos. 3 and 5, (January, 1957), pp. 81-157.

Tinbergen, Jan., "Project Criteria" in Zimmerman, L. J., (ed.), Economic Planning. The Hague: Moreton and Company, 1963, pp. 8-19.

- Tinbergen, Jan., "The Appraisal of Road Construction: Two Calculation Schemes," The Review of Economics and Statistics, Vol. XXXIX, No. 3, (August, 1957), pp. 241-49.
- Tinbergen, Jan. The Design of Development. Baltimore: Johns Hopkins University Press, (for the Economic Development Institute, IEPD), 1958. (See Chapter 3.)
- Tinbergen, Jan., "The Relevance of Theoretical Criteria in the Selection of Investment Plans," in Millikan, M. F., (ed.), Investment Criteria and Economic Growth, Cambridge: Center for International Studies, 1955.
- Tinbergen, Jan, and Bos, H. C., Mathematical Models of Economic Growth. New York: McGraw Hill, 1962.
- Tolly, G. S., and Harrell, Cleon., "Extensions of Benefit-Cost Analysis," The American Economic Review, Vol. LII, No. 2, (May, 1962), pp. 459-68.
- Turvey, Ralph, "On Divergencies Between Social Cost and Private Cost," Economica (New Series), Vol. XXX, No. 119, (August, 1963), pp. 309-13.
- Turvey, Ralph, "Present Value versus Internal Rate of Return - An Essay in the Theory of the Third Best," The Economic Journal, Vol. LXXIII, No. 289, (March, 1963), pp. 93-98.
- United Nations, Formulation and Economic Appraisal of Development 2 Volumes. Lectures delivered at the Asian Center on Agricultural and Allied Projects. Lahore, Pakistan: October-December, 1950. Lahore, 1951.
- United Nations, "Adaptation of Processes, Equipment and Products," Industrialization and Productivity, 1963. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 6, 1963, pp. 7-24.
- United Nations, "Capital Intensity in Heavy Engineering Construction," Industrialization and Productivity, April, 1958. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 1, pp. 35-48.
- United Nations, "Capital Intensity and Costs in Earth-Moving Operations," Industrialization and Productivity, March, 1960. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 3, pp. 7-22.
- United Nations, "Capital Intensity in Industry in Underdeveloped Countries," Industrialization and Productivity, April, 1958. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 1, pp. 5-23.
- United Nations, Department of Economic and Social Affairs, A Study of Industrial Growth. New York: 1963.

United Nations Economic Commission for Asia and the Far East, "Criteria for Allocating Investment Resources Among Various Fields of Development in Underdeveloped Countries," Economic Bulletin for Asia and the Far East, Vol. XII, No. 1, (June, 1961).

United Nations Economic Commission for Asia and the Far East, Formulating Industrial Development Programmes: With Special Reference to Asia and the Far East. Development Programming Techniques Series, No. 2, Bangkok, 1961.

United Nations Economic Commission for Asia and the Far East, Manual of Standards and Criteria for Planning Water Resource Projects. Water Resource Series No. 26, United Nations, New York: 1964.

United Nations Economic Commission for Asia and the Far East, "Planning in Selected Social Sectors," Economic Bulletin for Asia and the Far East, Vol. XIV, No. 2, September, 1963.

United Nations Economic Commission for Asia and the Far East, Programming Techniques for Economic Development: With Special Reference to Asia and the Far East. Development Programming Techniques Series, No. 1, Bangkok, 1960.

United Nations Economic Commission for Latin America, Manual of Economic Development Projects. New York: 1958. (U.N. Publication No. 1958, II. C. 5.)

United Nations, Economic Methods and Criteria Used in the Selection of Investments in the Electric Power Industry. New York: 1963.

United Nations, "Evaluation of Projects in Predominantly Private Enterprise Economies," Industrialization and Productivity, 1962. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 5, pp. 7-34.

United Nations, "Multi-Purpose River Basin Development," Part I, Manual of River Basin Planning, Flood Control Series, New York: 1955.

United Nations, "Preliminary Bibliography for Industrial Development Programming," Industrialization and Productivity, 1962. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 5, pp. 63-82.

United Nations, "Problems of Size of Plant in Industry in Underdeveloped Countries," Industrialization and Productivity, March, 1959. Issued by the Department of Economic and Social Affairs, United Nations, New York, Bulletin No. 2, pp. 7-25.

U. S. Agency for International Development, Feasibility Studies, Economic and Technical Soundness Analysis, Capital Projects. AID, Office of Engineering, September 1, 1963.

U. S. Department of Commerce, Bureau of Public Roads, Highways and Economic and Social Changes. U.S. Government Printing Office, Washington, D. C., (November, 1964).

U.S. Department of the Interior, Bureau of Reclamation Manual, Vol. VIII, Benefits and Costs, (March, 1950).

U. S. Inter-Agency Committee on Water Resources, Subcommittee on Evaluation Standards, Proposed Practices for Economic Analysis of River Basin Projects. Washington, D. C.: Government Printing Office, May 29, 1958.

Vaicyanathan, A., "A Survey of the Literature on 'Investment Criteria' for the Development of Underdeveloped Countries," The Indian Economic Journal, Vol. IV, No. 2, (October, 1956), pp. 122-44.

Watson, Andrew M., and Dirlan, Joel B., "The Impact of Underdevelopment on Economic Planning," The Quarterly Journal of Economics, Vol. LXXIX, No. 2, (May, 1965), pp. 167-94.

Weingartner, H. Martin., Mathematical Programming and the Analysis of Capital Budgeting Program. Englewood Cliffs, N.J.: Prentice-Hall, 1963.

Westfield, F. M., "Mathematical Note on Optimum Longevity," The American Economic Review, Vol. XLVIII, No. 3, (June, 1958), pp. 329-32.

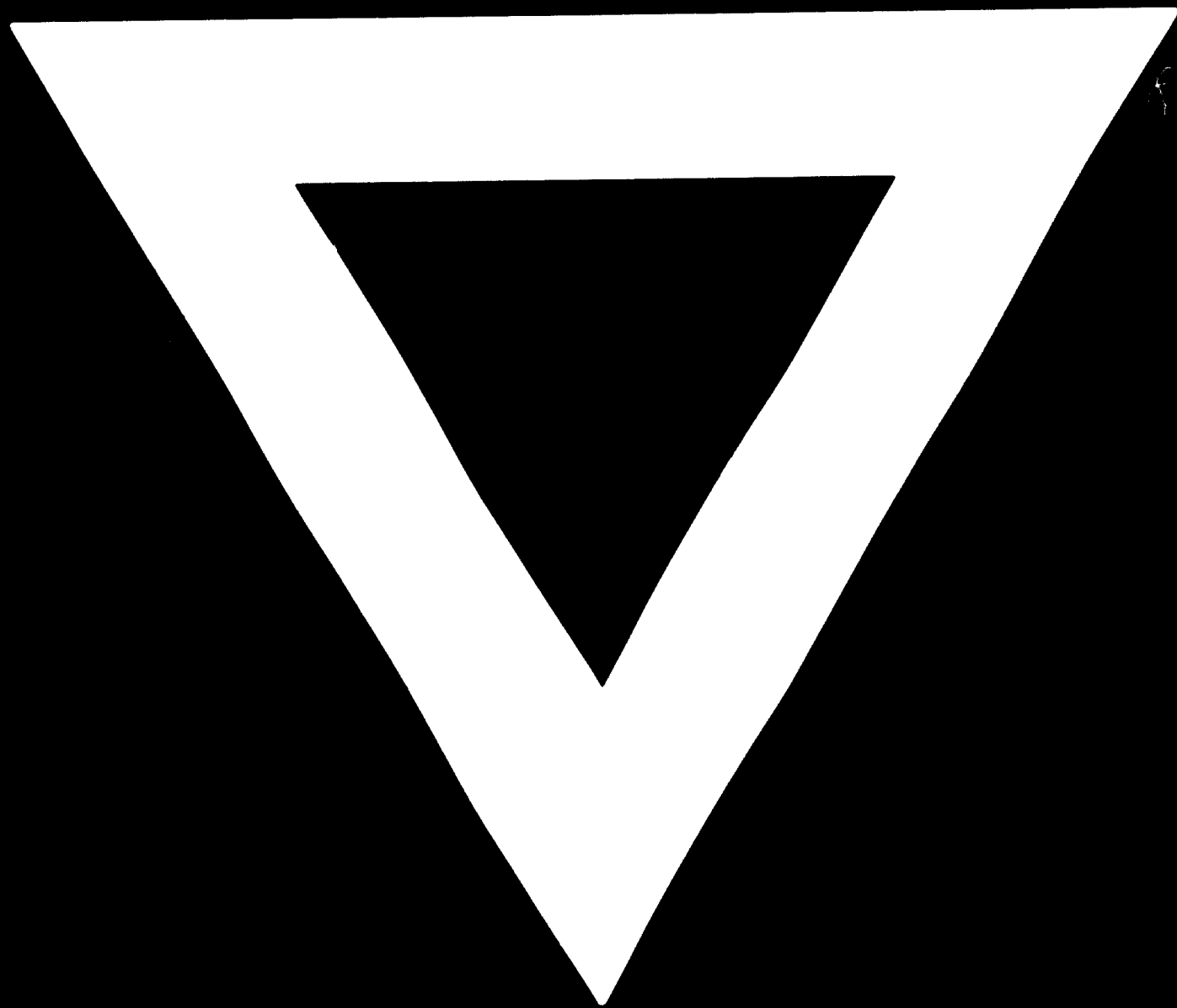
Weston, J. Fred., Managerial Finance. New York: Holt, Rinehart and Winston, 1962. (See Part III.)

White, W. H., The Changing Criteria in Investment Planning. Washington, D. C.: Government Printing Office, 1962.

Williams B. R., "Economics in Unwanted Places," The Economic Journal, Vol. LXXV, No. 297, (March, 1965), pp. 20-30.

Zauberman, Alfred, "The Soviet Debate on the Law of Value and Price Formation," in Gregory Grossman, (ed.), Value and Plan, Economic Calculation and Organization in Eastern Europe. Berkeley: University of California Press, 1960

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