

PUBLICATIONS

1. "Hedging in the Labor Market: Comment", *The Southern Economic Journal*, (Jan. 1969). Also reprinted in *Investment in Human Capital*, edited by B.F. Kiker, 1971, 371-375.
2. "Short-Run Interest Rate Cycles in the U.S., 1954-67", (with A. Kraus), *Journal of Financial and Quantitative Analysis*, Vol.4, (Sept. 1969), 291-300.
3. "Short-Run Determinants of Commercial Bank Investment Portfolios", *Journal of Finance*, Vol.25, (June 1970), 639-649.
4. "Economics of the Power Reactor Industry", (with B.T. Allen), *Quarterly Review of Economics and Business*, Vol.10, (Fall 1970), 69-79. Also reprinted in *Economics of Energy*, Edited by L.E. Grayson, 1975, 389-400.
5. "More on the Short-Run Interest Rate Cycle", (with A. Kraus), *Journal of Financial and Quantitative Analysis*, Vol.6, (June 1971), 1047-1052.
6. "Spectral Analysis of Work Injury Data", (with A. Greenberg), *Journal of Accident Analysis & Prevention*, Vol.3, (1971), 261-268.
7. "Search Strategy in Semi-Competitive Labor Markets: The case of the MBA Graduates", *Quarterly Review of Economics and Business*, Vol.11, (winter 1971), 47-54.
8. "A Sequential Decision Model of Bargaining Theory", (with A. Kraus), *Western Economic Journal*, Vol.10, (Dec.1972), 359-369.
9. "The Effect of Bargaining in Strike Situation", (with Y. Comay), *Western Economic Journal*, Vol.10, (Dec. 1972), 370-375.
10. "The Option Value of Education and the Optimal Path of Investment in Human Capital", (with Y. Comay and M.A. Pollatschek), *International Economic Review*, Vol. 14, (June 1973), 421-435.
11. *The Market for Electrical Generating Equipment*, (with B.T. Allen), published by the Institute of Public Utilities, Michigan State University, (East Lansing, 1973), 84 pp.
12. "Debt Capacity, Diversification and Conglomerate Mergers", (with M.A. Pollatschek), *Journal of Finance*, Vol. 28, (Dec. 1973), 1263-1273.
13. "The Predictive Value of Interim Reports and Budgets", (with L. Shashua and Y. Goldschmidt), *Abacus: A Journal of Accounting and Business Studies*, Vol. 9, (Winter 1974), 176-179.
14. "Bargaining Yield Curves and Wage Settlements", (with Y. Comay and A. Subotnik), *Journal of Political Economy*, Vol. 82, (March/April 1974), 303-313.

15. "A Note on Stock and Flow Capital Inputs in the Production Function of Multi-Product Firms"(with L. Shashua and Y. Goldschmidt), Applied Economics Vol. 6, (June 1974), 229-233.
16. "Dropout Risks, Option Values and the Returns to Investment in Schooling", (with Y. Comay and M.A. Pollatschek), Canadian Journal of Economics, Vol. 9, (February 1976), 45-56.
17. "The Influence of Smith's Banking Theory on Banking Theory and Practice in the U.S.", in Adam Smith and The Wealth of Nations: 1776-1976, bicentennial conf. proc. edited by W.R. Morrow and R.E. Stebbins, Eastern Kentucky University Press, Richmond 1976.
18. "A Quantitative Estimation of Management's Contribution to Output", (with L. Shashua and Y. Goldschmidt), Journal of Economics and Business, Vol. 29, (Fall 1976), 73-78.
19. "An Optimal Screening Policy for R&D Projects", (with M.A. Pollatschek), in Financial Decision Making Under Uncertainty, edited by H. Levy and M. Sarnat, Academic Press, 1977, 251-264.
20. "Cash Tender Offer Pricing: An Empirical Analysis", (with K.R. Ferris and A. Rappaport), Mergers and Acquisitions, Vol. 10, (Spring 1977), 9-14.
21. "Information and Adaptive Job Search Behavior: An Empirical Analysis", (with D. Saks) in Essays in Labor Market Analysis edited by W. Oates and O. Ashenfelter, John Wiley – The Halsted Press, 1977, 105-127.
22. "Option Values, Stipends and the Returns to Educational Investment", (with Y. Comay and M.A. Pollatschek), The Journal of Econometrics, Vol. 6, (Sept. 1977), 243-260.
23. "Factors Influencing the Pricing of Stock Repurchase Tenders", (with K.R. Ferris and A. Rappaport), Quarterly Review of Economics and Business, Vol. 18, (Spring 1978), 31-35.
24. "Salary Policy, Turnover Rates and Employment Levels", (with M.A. Pollatschek), Management Science: TIMS Studies, Vol. 8, (Sept. 1978), 231-245.
25. "Price Deregulation in the Brokerage Industry: An Empirical Analysis", (with A.R. Ofer), The Bell Journal of Economics, Vol. 5, (Autumn 1978), 633-641.
26. "Determinants of Commission Rates for Bank Trust Stock Transactions", (with A.R. Ofer), The Journal of Banking and Finance, Vol. 2, (Dec. 1978), 355-366.
27. "A Model for Assessing Energy-Economic Options on a National Level", (with M. Avriel, A. Breiner and D. Marmur), in Systems Modelling in Developing

- Countries, Int. Conf. Proc., edited by P. Adulbhan and N. Sharif, Asian Inst. of Tech., Bangkok 1979, 183-199.
28. "A Time Series Analysis of Demand Deposit Variability in Individual Banks", *The Journal of Bank Research*, Vol. 10, (Summer 1979), 97-102.
 29. "Competitive Commission Rates, Execution Quality, and Customer's Market Power", (with A.R. Ofer), *Journal of Money Credit and Banking*, Vol. 12, (May 1980) Part 1, 221-227.
 30. "Solar Energy for Multi-Unit Residential Water Heating: An Economic Approach", in T.N. Vesiroglu (ed.) *Alternative Energy Source*, II, Vol. 3, (Hemisphere Publishing Co., Washington, D.C., 1980), 1427-44.
 31. "Energy Demand: An Interactive Forecasting Model", (with M.A. Pollatschek) *Energy Systems*, Vol. 1, No. 3, (Sept. 1981), 250-256.
 32. "The Substitution of Capital, Labor and Energy in the Israeli Economy", (with E.I. Ronn), *Resources and Energy*, Vol. 3, (Nov. 1981), 247-258.
 33. "The Role of Banks in the International Financial System: Comment", *Journal of Banking and Finance*, Vol. 7, (Dec. 1983), 260-261.
 34. "Performance of Disabled Persons on a Chordic Keyboard", (with A. Kirschenbaum and Z. Friedman), *Human Factors*, Vol. 28, (April 1986), 187-194.
 35. "The Economics of Loan Commitment Contracts: Credit Pricing and Utilization", (with S.E. Plaut), *Journal of Banking and Finance*, Vol. 10, (June 1986), 267-280.
 36. "Loan Commitment Contracts, Terms of Lending and Credit Allocation", (with S.E. Plaut), *Journal of Finance*, Vol. 41, (June 1986), 425-435.
 37. "Interest Rate Indexation and the Pricing of Loan Commitment Contracts" (with S.E. Plaut), *Journal of Banking and Finance*, Vol. 11 (March 1987), 137-145.
 38. "Loan Demand: An Empirical Analysis Using Micro-Data" (with J.C. Ham), *Review of Economics and Statistics*, Vol. 69, (Nov. 1987), 704-709.
 39. "International Lending, Private Sector "Country Risk" and Stabilization Policy" (with S.E. Plaut) in S.J. Khoury and A. Ghosh (eds.), *Recent Developments in International Banking and Finance*, Lexington Books, (Lexington, Mass., 1988), 121-129.
 40. "Interim Audit Scope, Client Size and Client Familiarity: An Empirical Analysis" (with J. Livnat), *Managerial and Decision Economics*, Vol. 10, (Feb. 1989), 69-75.

41. "High-Yield Bonds as a Substitute for Bank Loans" (with S. Plaut) in E. Altman (ed.), *The High Yield Debt Market*, Dow Jones, Irwin (New York 1990), pp. 206-225.
42. "Loan Commitments and Monetary Policy" (with G. Sofiano and P. Wachtel), *Journal of Banking and Finance*, 14, (October 1990), 677-689.
43. *The Short-Term Eurocredit Market* (with S.E. Plaut) Monograph 1991-1, SBC Monograph Series in Finance and Economics, New York University, (New York, 1991), 71 pp.
44. "Currency Swaps, Hedging, and the Exchange of Collateral" (with S.E. Plaut), *Journal of International Money and Finance*, Vol. 11, (October 1992), 446-461.
45. "Why Do ARMs Use Additive Interest Markups?" (with S.E. Plaut), *Journal of Housing Economics*, Vol. 3, (June 1994), 147-155.
46. "Determinants of the Salaries of Rabbis," (with A. Kirschenbaum), *Contemporary Jewry*, Vol. 15, (1994), 157-170.
47. "Disclosure Costs, Regulation and the Expansion of the Private-Placement Market" (with S.E. Plaut), *Journal of Accounting, Auditing & Finance*, Vol. 10(1), (Winter 1995), 23-42.
48. "Industrial Structure in the Eurocredit Underwriting Market" (with S.E. Plaut), *Journal of International Money and Finance*, Vol. 15(4), (1996), 623-636.
49. "Debt Quality, the Intensity of Regulation and the Segmentation of Debt Markets" (with S.E. Plaut) *Research in Economics*, Vol. 52, (Sept. 1998), 431-449.
50. "Stock Price Reaction in Stressful Circumstances: An International Comparison" (with M.A. Lasfer and D. Thomas), in T. Shimizu and J. Muranaga (eds.) *Risk Measurement and Systemic Risk*, Bank of Japan, (1999), 241-259.
51. "International Lending Arrangements to Sovereign Borrowers", (with S. E. Plaut), *Journal of International Money and Finance*, Vol. 22 (August 2003), 459-482.
52. "Debt Issue Costs and Issue Characteristics in the Market for US Dollar Denominated International Bonds" (with D. Nissim), *European Finance Review*, Vol. 7, (September 2003), 277-296.
53. "Short Term Reaction of Stock Markets in Stressful Circumstances" (with M.A. Lasfer and D. C. Thomas), *Journal of Banking and Finance*, Vol. 27, (October 2003), 1959-1977.

54. "Issue Costs in the Eurobond Market: The Effects of Market Integration" (with D. Nissim), *Journal of Banking and Finance*, Vol. 30, (January 2006), 157-177.

PAPERS DELIVERED AT PROFESSIONAL MEETINGS

1. "A Model for Analyzing Decision Making of Investment in Education", (with Y. Comay and M.A. Pollatschek), Operations Research Society of America Meeting, (Anaheim, October 1971).
2. "The Temporal Ordering Behavior of New Generating Equipment by Electrical Utilities", presented at the European Meeting of the Econometric Society, (Budapest, September 1972).
3. "A Method for Measuring the Performance of Accounting Teams", (with Y. Goldschmidt), presented at the TIMS 20th International Meeting (Tel Aviv, June 1973).
4. "Cyclical Variations in the Excess Demand for Scientific and Engineering Manpower" presented at the Western Economic Association Annual Conference (San Diego, June 1975).
5. "The Influence of Dropout Rates on Investment in Human Capital", with M.A. Pollatschek), presented at Third World Congress of the Econometric Society, (Toronto, August 1975).
6. "The Effects of Stipends on Educational Attainment by Race", presented at the ETS-NBER Conference on the Economics of Education, (Princeton, Oct.1975).
7. "An Optimal Screening Policy for a Multi-Stage Investment Selection Process", (with M.A. Pollatschek), American Econometric Society Meeting, (Dallas, December 1975).
8. "Predicting Deposit Levels in Individual Banks" presented at the ORSA/TIMS National Meeting, (Philadelphia, April 1976).
9. "Promotion Policy, Job Performance and Turnover Rates", (with M.A. Pollatschek), presented at the TIMS 23rd International Meeting, (Athens, July 1977).
10. "An Economic Model for Evaluating Energy Policy in Israel", (with M. Avriel A. Breiner, R. Karni and D. Marmur), Israeli Economic Association Meeting, (Jerusalem, April 1979).

11. "Bank Branch Location and Deposit Structure", (with M.A. Pollatschek), presented at the TIMS/ORSA Joint National Meeting, (Milwaukee, October 1979).
12. "Solar Energy for Multi-Unit Residential Water Heating: An Economic Analysis", 2nd International Conference on Alternative Energy Sources, (Miami, December 1979).
13. "Expert Evaluation of Energy Conservation Measures", (with C. Jacobson), presented at the TIMS/ORSA National Meeting, (Washington, D.C., May 1980).
14. "Credit Availability, Loan Commitment and Insurance Incentive Schemes", (with John C. Ham), presented at the International Seminar on Insurance Theories, (Tel Aviv, April 1981).
15. "Interfacing Computers for the Disabled", (with A. Kirschenbaum and Z. Eilam) presented at the RESNA 5th Annual Conference, (Houston, August 1982).
16. "Government Incentives and Investment Policy: A Long-Term View", (with N. Biger), European Finance Association, Annual Meeting, (Jerusalem, Sept. 1982).
17. "Disinflation and Wage Changes" (with S.E. Plaut), Presented at the Annual Meeting of the Israeli Labor Relation Society, (Haifa, Feb. 1985).
18. "Credit Lines and the Transmission of Monetary Policy" (with G. Sofianos, P. Wachtel), Presented at the Meeting of the American Economic Assoc. (New Orleans, December 1986).
19. "Borrowing Arrangements and Monetary Policy" (with G. Sofianos and P. Wachtel), Presented at the Symposium on Monetary Economics, (New York, March 1987).
20. "High Yield Bonds and Bank Loans" (with S.Plaut), Conference on Financial-Economic Perspectives of the High Yield Debt Market, (SBC, New York, Dec. 1988).
21. "Securitization, Information and Segmentation in Short-Term Financial Markets" (with S. Plaut, Annual Meeting of the American Finance Association, (New York, Dec. 1988).
22. "Syndicated Structure in the Short-Term Eurocredit Market" (with S.E. Plaut), Presented at the EuroFinance Conference (Cambridge, Sept. 1991).
23. "Why Do ARMs Use Additive Interest Markups?" (with S. Plaut). Presented at the Meeting of the American Real Estate and Urban Economics Association (Anaheim, January 1993).

24. "Market Concentration, Relative Firm Size and the Quality of Bank Services," (with D. Ruthenberg). Presented at the Frontiers in Services Conference (Nashville, Oct. 1993).
25. "Segmentation Strategies in the Short-Term Eurocredit Market," Presented at the TIMS/ORSA Joint Annual Meeting (Phoenix, Nov. 1993).
26. "Industrial Structure in the Eurocredit Underwriting Market," (with S.E. Plaut). Presented at the EFMA Annual Meeting (London, June 1995).
27. "Asymmetric Information and the Segmentation of Debt Markets," (with S.E. Plaut). 11th Meeting of the European Economic Association (Istanbul, Sept. 1996).
28. "Debt Market Structure and the Composition of Capital at Financial Institutions." 6th Annual Meeting of the European Financial. Management Assoc. (Istanbul, June 1997).
29. "Differential Regulation and the Segmentation of Debt Markets," (with S.E.Plaut). 12th Annual Meeting of the European Economic Association (Toulouse, Sept. 1997).
30. "The Interaction of Credit Quality, Credit Risk and Regulation in Credit Markets" (with S.E. Plaut) Conference on Microeconomics of Financial Intermediation, (Venice, January 1998).
31. "Large Stock Price Changes and the Overreaction Hypothesis: An International Comparison," (with M.A. Lasfer and D.Thomas). Presented at the 7th Annual Meeting of the European Financial Management Association (Lisbon, June 1998).
32. "Stock price Reaction in Stressful Circumstances" (with M.A. Lasfer and D.Thomas). 2nd Joint Research Conference on Risk Management and Systemic Risk, (Tokyo, Nov. 1998).
33. "Multiple Job Holding and the Supply of Labor Services" (with D. Melnik). Presented at the Annual Meeting of The Israeli Economic Association , (Jerusalem, June, 1999).
34. "Institutional Lending Arrangements to Sovereign Borrowers" (with S.E. Plaut). 14th Annual Congress of the European Economic Association, (Santiago de Compostela, September, 1999).
35. "The Behavior of Emerging Stock Markets During the 1990's" (with D. Thomas and M.A. Lasfer). European Institute – Investment Roundtable, (Vienna, February, 2000).

36. "Short Term Reaction of Stock Markets in Stressful Periods" (with M. A. Lasfer and D. Thomas). 9th Annual Meeting of the European Financial Management Association, (Athens, June, 2000).
37. "Issue Characteristics, Credit Quality and the Pricing of International Bonds" (with Doron Nissim). Presented at the Annual Meeting of the European Financial management Association, (Lugano, June, 2001).
38. "The Accounting Determinants of IPO Underpricing", (with Dylan Thomas), Annual Meeting of the European Financial Management Association (London, June 2002).
39. "Accounting Information and the Predictability of IPO Underpricing", Presented at the 14th Annual Conference of the Academy of Entrepreneurial Finance (Chicago, May, 2003).
40. "The Effects of Market Integration on Issue Costs in the Eurobond Market", (with D. Nissim), Money, Macro and Finance Group, 36th Annual Conference, (London, September 2004).
41. "Comments on Illiquidity Spillovers: Theory and Evidence from European Telecom Bond Issuance", The 2nd MTS Conference on Financial Markets, (Vienna, December 2004).
42. "The Effects of the European Monetary Union on the Primary Market for International Bonds" (with D. Nissim), presented at the 14th Meeting of the European Financial Management Association (Milano, July 2005).
43. "Comments on the Evaluation of Income-Related Health Inequalities in Switzerland Overtime", Health Economic Workshop, Venice Summer Institute, CESifo (Venice, July 2005).
44. "Relative Market Share, Dominance and Competition" (with O. Shy and R. Stenbacka), presented at Frontiers in Service Conference (Brisbane, June 2006).
45. "Measuring Market Dominance" (with O. Shy and R. Stenbacka) The 33rd Conference of the European Association for Research in Industrial Economics- EARIE (Amsterdam, August 2006).

OTHER PUBLICATIONS

1. "Loan Commitments and Monetary Policy" (with P. Wachtel and G. Sofiano), working paper no. 2232, NBER (May, 1987).
2. "Eurocredit Markets," "Note Issuance Facilities," and "Syndicated Euroloans", Three entries in The Blackwell Encyclopedia of Finance (Dean Paxson and Douglas Wood, eds.), Oxford: Blackwell Publishers (Feb. 1997).
3. "The Quality of Banking Services to Private Customers" (Hebrew). Quarterly Banking Review, 136 (December 1996), 107-115.
4. "Retail Banking Service Quality" (Hebrew) Quarterly Banking Review, 147 (March 2002), 86-99.
5. "Debt Issue Costs and Issue Characteristics in the Eurobond Market" (with D. Nissim), working paper no. 9/2003, ICER-International Center for Economic Research, Torino, (May 2003), 1-25.
6. "The Quality of Bank Services to Business Clients" (Hebrew) (with Karen Simhony-Bonieli), Quarterly Banking Review, 152 (December 2003), 108-125.
7. "The Effects of Market Integration on Issue Costs in the Eurobond Market" (with D. Nissim), working paper no. 3/2004, ICER – International Center for Economic Research, Torino, (February 2004), 1-28.
8. "Relative Market Share, Leadership and Competition in Concentrated Banking Markets" (with O. Shy and R. Stenbacka), working paper no. 14/2005, ICER - International Center for Economic Research, Torino (August 2005), 1-18.