VITA February 2006

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Born: April 13, 1937, Minufia, Egypt Citizenship: USA Marital Status: Widowed, 3 children, 3 grand children

EDUCATION

- 1966 Ph.D. Economics, University of Minnesota.
- 1966 M.A. Mathematics, University of Minnesota.
- 1961 M.A. Economics, University of Minnesota.
- 1958-1959 Moscow State University, Graduate Student, No Degrees
- 1958 Bachelor of Commerce, Economics, Cairo University.

HONORS AND AWARDS

- 1958 First of Graduating Class, Cairo University.
- 1958 Egyptian Government Study Abroad Fellowship.
- 1993 Louise E. Byrd Graduate Educator Award, University of Kansas.
- 1994 Ned N. Fleming Award Trust Award, University of Kansas.
- 1994 Golden Key National Honor Society, University of Kansas.
- 1995 Mortar Board.

Biographical Information Who is Who and American Men and Women in the Social Sciences. Several references to works in Palgrave Dictionary of Economics, and Handbook of Mathematical Economics.

EXPERIENCE

- June-July 2000 Consultant Sales Tax Project, Cairo Egypt, KPMG (USAID)
- 1997-1999 Director, Fiscal Management Training Project, NTF/Barents Group, Moscow Russian Federation
- 1998-1999 Chief Country Representative Barents Group LLC, Barents Group Russia
- 1997- Curtsy Professor of Humanities, University of Kansas

- 2000-2006 Faculty Honors Fellow, University of Kansas
- 1996-2000 Director, Transition Studies Program, University of Kansas
- 1994 2000 Associate Director, Institute for Public Policy and Business Research, University of Kansas.
- 1995- 2003Professor of Russian and East European Studies, University of Kansas
- 1993 1995 Chief Economist, Senior Resident Advisor. Parliament Team, USAID Financial Restructuring Project, Russian Federation.
- 1993-1994 Co-Director, Research, Institute for Public Policy and Business Research, University of Kansas
- 1993-1993 Associate Director, Research, Institute for Public Policy and Business Research, University of Kansas.
- 1986-1993 Director, Economic Research, The Institute for Public Policy and Business Research, The University of Kansas.
- 1984-2000 Research Associate, The Institute for Public Policy and Business Research, The University of Kansas.
- 1984- Curtsy Professor of African and Afro-American Studies, University of Kansas
- 1981-1982 Intra-University Professor, Mathematics, The University of Kansas.
- 1976-1977 Fulbright-Hays Senior Scholar, Algeria.
- 1973- Professor, Economics, The University of Kansas.
- 1973-1974 Consultant, Sudan Government Transportation Project.
- 1969-1972 Associate Professor, Economics, The University of Kansas.
- 1968-1969 Visiting Associate Professor, Economics, The University of Kansas.
- 1967-1968 Head, Department of Econometric Models, Institute of National Planning, Cairo, Egypt.
- 1966-1967 Director of Econometric Studies, Office of the Minister of Treasury, Egypt.
- 1965-1966 Visiting Assistant Professor, Economics, Purdue University.
- 1965 Visiting Assistant Professor, Economics, University of Missouri-Columbia. Instructor, NSF Summer Workshop on Mathematics for Professors of Economics
- 1963-1965 Instructor, Economics, University of Minnesota.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

American Association for Evolutionary Economics

American Economic Association. .

Western Economic Association.

Econometric Society.

Society for Industrial and Applied Mathematics (SIAM).

SIAM Activity Group on Optimization.

TEACHING

Course taught at the Undergraduate level

Principals of Economics, Principals of Economics (honors), Microeconomics, Microeconomics (honors), Elements Economic Planning, Mathematical Economics,

Economics for Mathematicians, Mathematical Analysis, Welfare Economics, Economic Development, Economics of Russia and Eastern Europe, Freshman honors tutorial on Economics and the Economy, Western Civilization, Culture of the Arabs, University scholars seminar (seminar theme: Time), Honors Tutorials: Mystical Languages of unsaying, economics and the economy, Science, Technology and Society, history of time, mean markets lizard brains.

Course taught at the Graduate level

Microeconomics, Macroeconomics, General Equilibrium, Optimization Theory, Economics for Mathematicians, History of Economic Thought, History and Philosophy of Economics, Planning Theory, Techniques of Economic Planning, International Trade Theory, Advanced Microeconomic Theory, Economic Development, Economic Dynamics. Economics of Transition. Contemporary reading of economics classics: Adam Smith, David Ricardo, Karl Marx, Thomas Robert Malthus, Alfred Marshal, Thorstein Veblen, and Henry George. (one semester each), Applied General Equilibrium

SERVICE

To The Department of Economics

Honors coordinator

Undergraduate Program Committee, (several terms).

Executive Committee (elected) (several terms).

Oswald Chair Search Committee (chair)

Graduate Program Committee.(several terms).

Recruitment Committee.

Coordinator of Speakers Program, 1987-1988.

Editor of Working Paper Series, 1987-1993.

Ad Hoc Committee to evaluate the teaching of the Principles Course, 1992-1993.

Graduate Admissions Committee, 1991-.1993

To TheCollege of Arts and Sciences

Honors Faculty Fellow

Chair, Sabbatical Leave Committee (elected), two terms

Elections Committee. 1994-1995

Promotion and Tenure (elected) 1986-1988.

Chair, Committee to recruit a Soviet Area Studies Economist, 1990.

Search Committee for Soviet Area Specialist, 1990-1991.

College Program Evaluation Committee, 1992.

Recruitment Committee, Mathematics Department, several terms.

Sabbatical Leave Committee (elected), two terms.

Advisory Committee, Computer Science Department, 1992-1993.

Oversight Committee, Economics Department, 1993-1995

Executive Committee, REES (elected) 1994-1995, 1995-1996.

To IPPBR (Institute of Public Policy and Business Research)

Organizer of the Institute's Seminar Series.

Promotions committee

To The University

TRP

University Senate Research Committee, 1970-1975, 2001-

University Council (elected) (5 terms).

University Senate Executive Committee (elected 5 terms)

Chair University Senate Executive Committee (elected)1997-1998

President Elect of The University Council 1998

University Committee on Sabbatical Leaves.

Chair, University Committee on Planning and Resources.

Intra-University Professorship Review Committee.

FRPR Committee.

Mentor for University Scholars Program.

Truman Scholarship Committee.

Summer Honors Institute Committee.

Task Force on Minority Concerns, 1988.

Executive Committee of the Center for International Programs, 1988-91.

Chair, Subcommittee on Curriculum and Research, International Studies and Programs., 1989-1990.

Chair, Nominating Committee, International Studies and Programs, 1990.

University Promotion and Tenure Committee, 1988.

Chair, Ad Hoc Committee to study the Sabbatical Leave Process, 1989.

Chair, Ad Hoc Committee to study the University Salary Structure, 1989-1991.

Planning and Resources (chair 1991-92, 1992-93), 1990-1993.

Mission 2000 Steering Committee, 1991-1993.

University-wide Program Evaluation Committee, 1992-1993.

Committee to evaluate the Dean of the College, 1992-1993.

Search Committee for a University Professor of Political Economy, 1992-1993.

Committee on M.A. in International Studies, 1992-1993.

University Scholars Steering committee, 1993-

To The Profession

Organized workshop on Business environment from an Islamic perspective Cairo Egypt 2005, Lawrence KS 2006.

Referee for Econometrica, Review of Economic Studies, Journal of Economic Theory,

Journal of Economic Dynamics and Control, The Mid-American Journal of Politics,

Journal of Optimization Theory and Its Applications, Journal of International Trade and

Economic Development, and Journal of Economics

Reviewer for Mathematics Reviews. Co-Chair: Applications of control theory in economic theory (with Fred Vanvleck) SIAM Conference on Control St Louis, April 1995. Unpaid Volunteer Professor for 2 weeks in New Economics School, Russian Academy of Sciences, 1995.

Outside reviewer for promotions decisions.

Member of the Editorial Board of Middle Eastern Economics and Business Review.

Member of the Editorial Board of the Kansas Business Review.

Co-chair, Program Committee, Association of University Business and Economic Research (AUBER) National Meeting, 1990.

To TheCommunity

Boy Scout Troop 60 Committee, 1972-1979. Helped with Officiating Track Meets for Kansas Relays and Lawrence Road Runners, 1980-1994. Day of Caring with Golden Key members at Ballard Center Sep 1995.

RESEARCH

MAJOR RESEARCH GRANTS and CONTRACTS

- 1. "Kansas Economy Modeling," Research Improvement Award, GRF-University of Kansas (with Anthony Redwood), 1984- 1986.
- 2. "Kansas Economic Modeling Project," Board of Regents Award (with Anthony Redwood), 1986- (300,000\$ a year, currently the project funding is part of IPPBR budget).
- 3. "Return on Public Investment," Kansas Technology Enterprise Corporation, 1991-.
- 4. "Kansas Water Supply and Demand," Water Resource Institute (with Bob Glass), 1991-1992.
- 5. "Existing Potential Legal and Economics Aspects of Kansas Water Markets," Water Resource Institute (with Norm Clifford, Bob Glass and John Peck), 1994
- 6. USAID Fiscal Restructuring Project with Barents Group, Moscow. 1994-1996
- 7. Fiscal Management Training Project, NTF World Bank/Barents Group Moscow Russia 1998-

PAPERS PRESENTED AT PROFESSIONAL MEETINGS

1. "Spiritual Capital of positive and negative productivity", Hawaii International Conference on Arts and Humanities, Honolulu HI January 9-16 2006.

- 2. Discussion of business environment from Islamic Perspective, International Conference on Doing Business in Islamic Asia. Kuala Lumpur, Malaysia, June 21-23 2005
- 3. "Islamic Morality and Economic Theory", Business Environment from an Islamic Perspective, AlAzhar University, Cairo Egypt February 12 2005.
- 4. "The Smithian Economic Surplus and the Development of Islamic Social Economies" with Ron Stanfield and Mary Wrenn. The 2004 Middle East & Central Asia Politics, Economics and Society Conference; Transition and Inequality in the 21st Century. Sept. 9th –11th 2004, University of Utah, Salt Lake City, USA.
- 5. "Tax Reform, the Russian Experience", IIF congress, presentation as member of the Russian Delegation, Moscow 1999
- 2. "Taxation of Human Capital" with Fred Van Vleck, Vienna Workshop on Dynamical Systems, Vienna 1997
- 3. "American Economic Theory", Plenary Presentation, Vienna Workshop on Dynamical Systems, Vienna 1997
- 4. "Gains from Trade with Exhaustible Resources; A Preliminary Investigation in a General Equilibrium Model", with Janett Highfill, International Trade and Finance Association conference, San Jose, Costa Rica, May 1995.
- 5. "Discussion in George Stigler Prospective" by invitation workshop sponsored by Liberty Fund, Chicago, IL May 1995.
- 6. "Taxation of Human Capital" with Fred Van Vleck, SIAM Conference on Control, St Louis MO April 1995.
- 7. "Taxation of Human Capital", Invited presentation, Central Mathematical Economics Institute, Russian Academy of Science, Moscow, March 1995.
- 8. "Industrial Policy in the Context of Privatization." Invited address to Thirteenth Congress of The Egyptian Society for Legislation, Economics, and Statistics, Cairo, Egypt. November 1992.
- 9. "The Economics of Everything: The Economics of Time." The Fourth Viennese Workshop on Dynamic Economic Models and Optimal Control, Vienna, Austria. June 12-14, 1991.
- 10. "Ranking of Sectors in the Egyptian Economy," (with Hana'a Khair El Din, Cairo University). MEEA Meeting, Washington D.C. December 27-30, 1990.
- 11. "Internalizing Externalities and Parallel Computing." SIAM Annual Meeting, San Diego, California. July 17-21, 1989.

- 12. "Leading Sector Analysis with Uncertainty in Leontief Models," (with James Quirk). Regional Science Association 35th North American Meetings, Toronto, Canada. November 11-13, 1988.
- 13. "Positive Cone Controllability for Linear Control Systems with Delays," (with Fred Van Vleck). American Mathematical Society Eight Hundred Forty-fifth Meeting, University of Kansas. October 28-29, 1988.
- 14. "Modelling for Public Policy," (with David Burress and Norm Clifford). AUBER Conference 1988, Indianapolis, Indiana. October 9-12, 1988.
- 15. "Modelling the Kansas Economy," (with David Burress and Norm Clifford). Kansas Economic Outlook Conference, Lawrence, Kansas. October 7, 1988.
- 16. "Optimal Control with Several Criteria and Time Lags," (with Fred Van Vleck). DGOR, Berlin. September 13-16, 1988.
- 17. "A Dynamic I-S Curve." Eastern Economic Association, Boston, Massachusetts. March 1988.
- 18. "Optimization in the Channel Model II," (with Fred Van Vleck). DGOR, ULM. September 24-26, 1986.
- 19. "Optimization in the Channel Model I," (with Fred Van Vleck). 11th Symposium UBER Operation Research, Technische Hochschule Darmstadt. September 1-3, 1986.
- 20. "Efficiency, Discounting and Evaluation of Production Streams," (with William V. Weber). Econometric Society, New York, N.Y. December 1985.
- 21. "Demand Functions Over Time and the Permanent Income Hypothesis," (with William V. Weber). Eastern Economic Association, Pittsburgh, Pennsylvania. March 1985.
- 22. "Properties of Consumer's Demand Over Time." Second Vienna Workshop on Applications of Optimal Controls to Economics, Vienna, Austria. May 1984.
- 23. "Near Optima and Near Equilibria." Econometric Society Meetings, San Francisco. December 1983.
- 24. "Boom Towns, Queue up or Bust." Fourth International Conference on Mathematical Modeling, Zurich, Switzerland. August 15-17, 1983.
- 25. "Augmented Lagrangians and the Efficiency of Imperfect Competition." 11th IFIP Conference on System Modeling and Optimization, Copenhagen, Denmark. July 25-29, 1983.
- 26. "Supply of Labor: Midwest Mathematical Economics Association." Ann Arbor, Michigan. November 1981.

- 27. "Some Welfare Economic Remarks about Impacted Communities." Eastern Economic Association, Montreal, Canada. May 1980.
- 28. "Evaluation of Long Term Forecasting Models." JPL-CALTCH Conference on Coal Models, Carmel, California. July 1979.
- 29. "Economic Policies and Optimal Management of Forest Resources." SIAM Meeting, Toronto, Canada. June 1979.
- 30. "Stadium Capacities and Attendance in Professional Sports," (with J. Quirk). ORSA-TIMS Meeting, San Juan, Puerto Rico. October 1974.
- 31. "An Optimal Growth Model with Time Lags," (with Loehman and Whinston). Econometric Society Meetings, Detroit, Michigan. 1970.
- 32. "Optimal Growth with Time Lags," (with Andy Whinston). Kansas-Missouri Seminar in Theoretical and Applied Economics, Lafayette, Indiana. 1970.
- 33. "Decentralized Characterization of Optimal Economic Development Programs." Kansas-Missouri Seminar in Theoretical and Applied Economics. Boulder, Colorado. February 1969.
- 34. "Price Implications of Dynamic Pareto Optimality," (with Akira Takayama). The 35. Econometric Society Meetings, Toronto, Canada. October 1967.

WORKING PAPERS

- 1. Optimal Resource Allocation Over Time, (Institute Paper No. 127). Graduate School of Industrial Administration, Purdue University.
- 2. A Calculus of the Unbiasedness of Competitive Equilibrium, (Institute Paper No. 134). Graduate School of Industrial Administration, Purdue University.
- 3. Two Essays on Dynamic Micro Economics, (Institute Paper No. 135). Graduate School of Industrial Administration, Purdue University, 1966.
- 4. Constrained Extrema of Functions of a Finite Number of Variables: Review and Generalizations, (Institute Paper No. 141). Graduate School of Industrial Administration, Purdue University, 1966.
- 5. Optimization Theory, in Introduction to Economic Dispatch, Short Course on "Computer Models and Stimulation Techniques for Power System Engineering," Purdue University, 1966.
- 6. "The Karush Characterization of Constrained Extrema." UAR Ministry of Treasury, Research Memoranda, Series A, No. 3, 1967.

- 7. Notes on Optimization Theory, (Research Paper No. 21), Research Papers in Theoretical and Applied Economics. Department of Economics, University of Kansas, 1969.
- 8. Derivative Characterization of Constrained Extrema of Functionals, (Research Paper No. 34), Research Papers in Theoretical and Applied Economics. Department of Economics, University of Kansas.
- 9. Two Static Economic Applications of the Calculus of Variations, (Research Paper No. 47), Research Papers in Theoretical and Applied Economics. Department of Economics, University of Kansas, 1973.
- 10. Two Notes on Optimization Theory, (Research Paper No. 54), Research Papers in Theoretical and Applied Economics. Department of Economics, University of Kansas, 1974.
- 11. Local Equilibria, Local Optima and Nonconvex Preferences, (Research Paper No. 56), Research Papers in Theoretical and Applied Economics. Department of Economics, University of Kansas, 1974.
- 12. On Comparative Dynamics, (with James Quirk), Social Science Working Papers, No. 67. California Institute of Technology, 1974.
- 13. The Plausibility of Asymmetry in Quantity Price Response in Demand Analysis, Research Papers in Theoretical and Applied Economics, No. 93. University of Kansas, 1981.
- 14. Two Notes on Labor, Research Papers in Theoretical and Applied Economics, No. 98, 1981.
- 15. Keynesian Equilibrium of Classical Labor Market, Research Papers in Theoretical and Applied Economics, No. 101, 1982.

PUBLICATIONS

BOOKS AND MONOGRAPHS

- 1. Introduction to Mathematical Analysis, (with Moheb Ghaly) (in Arabic). Egypt: Asiut University, 1969.
- 2. Constrained Extrema: Introduction to the Differentiable Case with Economic Application, in Lecture Notes in Operations Research and Mathematical Systems, No. 56, New York, Heidelberg: Springer-Verlag, 1971.
- 3. Translation from Russian of Mathematical Theory of Economic Dynamics, by Rubinov, A.M. and Makarov, V.L. New York, Heidelberg: Springer-Verlag, 1976.
- 4. Microeconomic Theory, (with Yoshi Otani). New York, Heidelberg: Springer-Verlag, 1987.
- 5. Extrema of Smooth Functions with Examples from Economic Theory. New York, Heidelberg:

ARTICLES

- 1. "Programming, Pareto Optimum and Existence Competitive Equilibria," (with Akira Takayama), MetroEconomica, Vol. 20, No. 1 (January-April 1968), 1-10.
- 2. "Pareto Optimality and Competitive Equilibrium in a General Equilibrium Model of Economic Growth." In Papers in Quantitative Economics. Lawrence, Kansas: University of Kansas Press, 1971.
- 3. "An Economic Model of a Professional Sports League," (with James Quirk). Journal of Political Economy, Vol. 79 (November 1971).
- 4. "The Ramsey Problem in Optimal Economic Growth Under Resource Limitations." Metroeconomica, XIII, No. 3, (1971), 197-208.
- 5. "On Comparative Statics." Journal of Political Economy, Vol. 80 (November-December 1972), 1320-22.
- 6. "Optimal Growth with Time Lags," (with Andrew Whinston and Edna Loehman). Econometrica, Vol. 40 (1972), 1137-47.
- 7. "Behavior of the Firm Under Regulatory Constraints," (with Akira Takayama). American Economic Review, (1973).
- 8. "Optimal Investment with Time Lags," (with E. Loehman and A. Whinston). Metroeconomica, Vol. 24, No. 2 (May-August 1973), 117-127.
- 9. "Economic Theory of Sports Leagues," (with James Quirk). Public Policy and Professional Sports, Brookings Institution, (1974).
- 10. "Sensitivity Analysis for an Optimal Control Problem." IEEE Transactions on Automatic Control, Vol. AC 20, No. 2 (April 1975).
- 11. "Stadium Capacities and Attendance in Professional Sports," (with James Quirk). Management Science and Leisure, 1975.
- 12. "A Simple Proof of the Ramsey Savings Equation (classroom note)." SIAM Review, Vol. 20, 1978.
- 13. "Information Efficiency of Economic Systems: A Cybernetic Approach," (with L.S. Fan). Rohilkand University Economic Journal, Vol. 1, No. 1 (1978), 57-66.

- 14. "Dynamic Behavior of the Firm with Adjustment Costs under Regulatory Constraint," (with Akira Takayama). Journal of Economic Dynamics and Control, Vol. 3 (1981).
- 15. "Evaluation of Long Term Forecasting Models." Coal Models and Their Use in Government Planning, New York: Praeger Publishers, 1982.
- 16. Polterovich's "Equilibrium Trajectories of Economic Growth." Translated and edited with commentary (with Iosif Krass). Econometrica, Vol. 51, No. 3 (May 1983).
- 17. "Boom Towns: Queue up or Bust, Proceedings of the Fourth International Conference on Mathematical Modeling." Mathematical Modelling in Science and Technology. New York: Pergamon Press, 1984.
- 18. "Properties of Consumer's Overtime Demand Functions." Optimal Control Theory and Economic Analysis, Vol. 2 (1985).
- 19. "Investment Demand Under Log-Linear Technology." Economic Letters, 25 (1987), 1-2.
- 20. "Leontief Coefficients," with Farrokh Nourzad. Journal of Regional Science, 28 (1988), 119-120.
- 21. "Modelling for Regional Public Policy," (with David Buress and Norm Clifford). Readings in Business and Economic Research, Feb. 1989, 9-19.
- 22. "Optimal Control with Multiple Criteria and Time Lags: Some Economic Applications," (with Fred Van Vleck). Operations Research Proceedings 1988. Berlin, Heidelberg: Springer Verlag, 1989.
- 23. "A Note on Leontief Technology And Input Substitution: A Reply," (with Farrokh Nourzad). Journal of Regional Science, 30 (1990).
- 24. "The Economics of Everything: The Economics of Time." In Dynamic Models and Optimal Control, Elsevier Science Publishers B.V., 1992, 231-237.

NOTES AND COMMENTS

- 1. "The Economics of Sleeping, (an appendix to: The Maths. Econo. Tricks)". Manifold, 17 (Autumn 1975). Reprinted in German translation as "Die Oonomik des Schalfens" in Nationaloknomolgie (1979) 101-103.
- 2. "Comment on The Laugher Curve, Letter to the Editor," Scientific American, March 1982.

BOOK REVIEWS

- 1. Young. Lectures on the Calculus of Variations and Optimal Control Theory. Philadelphia: W.B. Saunders, 1979. In Econometrica.
- 2. Ju. N. Minaev. Stability of Mathematical Economic Models of Optimization (Russian). Moscow: Statistika, 1980. In Mathematical Reviews, 1982.
- 3. Baverman and M.I. Levin. Disequilibrium Models of Economic Systems (Russian). Moscow: Nauka, 1981. In Mathematical Reviews, 1983.
- 4. Hyden. Beyond Ujamaa in Tanzania: Underdevelopment and an Uncaptured Peasantry. Los Angeles: University of California Press, Berkeley, 1980. In Journal of Asian and African Studies, 1982.
- 5. Langdon. Multinational Corporations in the Political Economy of Kenya. New York: Martin's Press, 1981. In Journal of Asian and African Studies, 1984.
- 6. Lotov. Introduction to Mathematical Economic Modeling (Russian). Moscow: Nauka, 1984. In Mathematical Reviews, 1985.
- 7. Birchenhall and P. Grout. Mathematics for Modern Economics. Deddingham: Philip Allan, 1984. In Mathematical Reviews, 1985.
- 8. Petrov. Mathematical Modeling of Economic Development (Russian). Moscow: Znanie, 1984. In Mathematical Reviews, 1986.
- 9. Arunabha Baghchi. Stackelberg Differential Games in Economic Models. Berlin, New York: Springer-Verlag, 1984. In Mathematical Reviews, 1987.
- 10. Akira Takayama. Mathematical Economics (2nd edition). Cambridge: Cambridge University Press, 1985. In Mathematical Reviews, 1987.
- 11. Terrence Hutchison. Before Adam Smith: The Emergence of Political Economy 1662-1776. New York: Basil Blackwell, 1988. In The Journal of Economic History, 1991.
- 12. Gerald Scully The Market Structures of Sports (Invited) Journal of Economic Literature 1995
- 13. Andreu MasCollel: Microeconomic Theory .The Journal of Economics, 1997¹
- 14. Obstfeld, and Rogoff: Foundations of International Macroeconomics, The Journal of Economics, 1998 $^{\rm 2}$

¹ This review and the following one comprise the Essay: American Economic Theory; the book of micro and the book of macro. The essay (a reprint is distributed by IPPBR, Transition Studies Program.

² This review and the preceding one comprise the Essay: American Economic Theory; the book of micro and the

WORK IN PROGRESS

- 1. Social Capital, Spiritual Capital
- 2. Affordability Theory; the theory of virtual nirvana, a satire connected with contestablility theory
- 2. Calculus of Set Valued Maps with Applications to Economics, (with Fred Van Vleck), a monograph
- 3. A Mathematical Invitation To Economics. An adaptation of Griffith Conrad Evans': Mathematical Introduction to Economics. McGraw-Hill, 1930. a monograph
- 4. Principles of Economics (in Arabic), (with Sultan Abu Ali and Hana'a Khair el Din). A book
- 5. Economic Theory and Intellectual Adaptation. a monograph
- 6. Structural Economics. a monograph
- 7. The Russian Economy in Transition, the application of American Economic Theory. a monograph

book of macro. The essay (a reprint is distributed by IPPBR, Transition Studies Program.

Ph.D. THESIS COMMITTEE CHAIRED

- 1. 1. William J. Weeks: An Evans Roos Model for the Dynamics of the Firm. (1972)
- 2. M. Obuzar: Educational Planning and Economic Growth. (1972)
- 3. Hak Rhee: Foreign Debt and Economic Growth. (1972)
- 4. Douglas Hale: Monopolistic Competition and General Equilibrium. (1972)
- 5. Zakaria Basha: Some Welfare Aspects of the Theory of Taxation. (1973)
- 6. Vern Lyon: Stability of Competitive Equilibria When the Aggregate Excess Demand Mapping is Multivalued. (1974)
- 7. Emad Zikry: A Monetary Growth Model with Unemployment and Inflation. (1978)
- 8. Monika Curry: Optimum Urban Policy for Housing and Transportation. (1979)
- 9. Trent Boggess: Fiscal Policy in a Growing Economy. (1979)
- 10. David Collins: Groundwater Allocation Mechanisms. (1980)
- 11. Shawkat Hammoudeh: Optimal Oil Pricing Policy for Saudi Arabia. (1980)
- 12. Farrokh Nourzad: Evaluation of Public Investment Projects in an Intertemporal Planning Model. (1981)
- 13. Ghulamali Sharzehi: Optimal Public Investment for Boomtowns. (1983)
- 14. Robert Kling: Welfare Implications of Rate-of-Return Regulation. (1984)
- 15. William Weber: Essays in Capital Theory. (1984)
- 16. Dan Biederman: Towards a Theory of Imperfect Capital Markets. (1986)
- 17. Mahmood Abul-Oyun: Pricing Electricity in Egypt. (1986) (Co-chair Dr. Sultan Abu Ali, Zagazig University, Egypt)
- 19. Hongshik Bae: Urban Employment and Migration. (1987)
- 20. Alexandre C. Assemien: Dynamic Linear Models With Public Investment In Economic Planning. (1988)

- 21. Frank L. Hefner: A Dynamic Computational General Equilibrium Model of the Kansas Economy. (1988)
- 22. Jan Aaftink: A Matching Model Of The Labor Market And The Commodity Markets. (1988)
- 23. Nolan Masih: Impact of Higher Education on a Local Economy (St Cloud, Minnesota). (1988)
- 24. Steven Spartan (co-chair with David Willer): An Immanent Refutation of the Neo-Ricardian Demonstration of Value/Price Non-Transformability (Sociology 1989).
- 25. Tayseer Khunaizyi: Economic, Political and Social Development in Saudi Arabia (Special Studies) (1993).
- 26. Qi Su: Essays on Government Budget Policy. (1995)
- 27. Chang Erh Chow: Computational General Equilibrium Model of Taxes (1997)
- 28. Janie Michelle Phelps: Reforms of the Russian Pension System (1998)
- 29. Fanru Meng: Transactions costs and benefits from trade (2001)
- 30. Talat Ulussever: Economic Analysis of Financial Reforms in the Turkish Economy (2004)
- 31. Azucena Monroy: Good and Not So Good Brain Drain, 2005
- 32. Rubana Mahjabeen: General Equilibrium Analysis of Microfinance with Special Attention to Bangladesh, 2005