

Attn: Milena

RESUME

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PERSONAL: Born August 20, 1933. U.S. citizen since 1969. Married; three daughters

EDUCATION:

- Ph.D, Engineering Science, University of California, Berkeley, 1966.
- M.S., Mathematics, University of Illinois, Urbana, Illinois, 1962.
- Diploma, Education, Syrian University, Damascus, Syria, 1958.
- License, Mathematics, Syrian University, Damascus, Syria, 1957

TEACHING INTEREST: Operations Research, Decision Theory, Probability, Statistics.

RESEARCH INTEREST: Mathematical Optimization, Complementarity.

ACADEMIC POSITIONS:

- Dean (part-time): College of Business and Management, American University of Armenia, Yerevan, Armenia, 1991-present.
- Visiting Professor Emeritus: Department of Industrial Engineering and Operations Research, University of California, Berkeley, 1993-present.
- Visiting Professor: Department of Operations Research, Stanford University, 1991-93.
- Dean: Graduate School of Management, University of California, Riverside, 1982-91.
- Associate Dean: Graduate School of Management, University of California, Irvine. 1977-82.
- Professor of Management and Mathematics: Graduate School of Management/ Department of Mathematics, University of California, Irvine, 1975-82.

- Associate Professor of Management and Mathematics: Graduate School of Management/Department of Mathematics, University of California, Irvine, 1969-75.
- Assistant Professor of Management and Mathematics: Graduate School of Management/Department of Mathematics, University of California, Irvine, 1966-69.
- Director UCI-Rand Educational Program in Systems Analysis: University of California Irvine/Rand Corporation, Santa Monica, California, 1967-72.
- Visiting Associate Professor: Department of Operations Research, Stanford University, 1971-72..
- Visiting Professor: Department of Operations Research, Naval Post Graduate School, Monterey California, Summer, 1971
- Alumni Professor: Clemson University, Clemson, South Carolina, 8/1972-12/1972.
- Lecturer: School of Engineering, Aleppo University, Aleppo, Syria, 1959-61.
- Principal: Karen Jeppe Armenian Lycee, Aleppo, Syria, 1958-61.

NON- ACADEMIC POSITIONS:

- Director of Research: Zweig Associates, Fountain Valley, California, 1975-1982.
- Program Evaluation Specialist: United States Civil Service Commission, Washington, D.C., 1971.
- Mathematician: Shell Development Co., Emeryville, California, 1964-1966.
- Consultant To:
 - Allergan Medical Optics, Irvine, California, 1991-92.
 - Silicon Valley Group, Sunnyvale, California, 1991-92.
 - Hollander Associates, Fullerton, California, 1972-75.
 - Rand Corporation, Santa Monica, California, 1968- 71.

FELLOWSHIPS, SCHOLARSHIPS AND GRANTS:

- University of California Grant: Innovative Projects in University Instruction, 1975-1976.
- University Travel Grants: To the TIMS XXII International Meeting, Kyoto, Japan 1975, and to the Conference in Mathematical Programming, The Hague, Netherlands, 1972.
- Office of Naval Research and Army Research Center Grants: For organizing an International Conference on Computing Fixed Points, Clemson University, 1974 .
- National Science Foundation Grants: For research on Complementarity, 1972-74.
- United States Civil Service Commission Training grant: For the UCI-Rand Educational Program in System Analysis, 1967-72.

- Dept. of Mathematics, UC Berkeley: Research Assistantship, 1962-64.
- U.S. State Department Grant: Graduate study in the U.S., 1961-64.
- Fullbright Travel Grant: Graduate study in the U.S., 1961.
- French Foreign Ministry Scholarship: To study the French educational system, Paris, France, September 1960.
- Gulbenkian Travel Grant: To Paris, France, September 1960.
- UNESCO Scholarship: UNESCO Conference on Isotopes, American University of Beirut, Beirut, Lebanon, 1958.
- International Rotary Scholarship: For Graduate study in the U.S., 1958 (Declined the Scholarship).
- Syrian Government Fellowship: Full Fellowship (Ecole Normal Superior), Syrian University, Damascus, Syria, 1953-58.

SERVICE ON UC SYSTEMWIDE COMMITTEES:

- Member of the Coordinating Committee on Graduate Affairs, 1981-82.
- Member of the Graduate Students Affirmative Action Task Force, 1979-80.
- Member of the Systemwide Education Abroad Program: Campus Coordinator, 1969-71.

SERVICE ON SELECTED UC IRVINE CAMPUS SENATE COMMITTEES:

- Member of the Senate Executive Committee, 1969-71 and 1981-82.
- Chairman of the Graduate Council, 1981-82.
- Member of Faculty Welfare Committee, 1980-82.
- Member of the Committee on Rules and Jurisdiction, 1980-81.
- Chairman, Curriculum Committee, Graduate Council, 1979-81.
- Member of the Business and Finance Committee, 1979-82.
- Member of the Representative Assembly, 1975-77.

SERVICE ON SELECTED GRADUATE SCHOOL OF MANAGEMENT COMMITTEES:

- Chairman, Faculty Committee, 1974-97 and 1979-82.
- Chairman, Ph.D Committee, 1979-82.
- Chairman, Curriculum Committee, 1975-76.

SERVICE ON SELECTED UC RIVERSIDE COMMITTEES:

- Campus Executive Committee, 1984-90.

- Campus Planning Committee, 1988-90.
- Campus Long Range Planning Committee, 1989-90.
- Campus Audit Committee, 1989-90.

PROFESSIONAL ACTIVITIES:

Organized and chaired national and international conferences on Complementarity, Optimization, and Computing Fixed Points. Presented numerous invited papers and chaired several sessions in ORSA/TIMS, Mathematical Programming, American Mathematical Association, and in other professional conferences and meetings over the past twenty five years.

EDITORIAL BOARD: Associate Editor, Journal of Optimization Theory and Applications, 1973-93.

SERVICE ON BOARDS OF PROFESSIONAL AND EDUCATIONAL ORGANIZATIONS:

- Member of the Board of Trustees American University of Armenia Corporation, 1991-Present.
- President, Armenian Engineers and Scientists of America, 1991-92; Vice President, 1990-91; member of Council, 1990-present.
- Chairman of the Board of Trustees American Armenian International Collage at Laverne University: 1989-91; Vice Chairman, 1984-89; member, 1978-91.
- Member of the Board of Trustees, Laverne University: 1989-91.
- Member of the California Student Aid Commission: Graduate Fellowship Advisory Board, 1989-91.
- American Association of Collegiate and Schools of Business (AACSB): member of the Government Relations Committee, 1986-88; member of the Accreditation Review Panel, 1990-91.
- Member of the Board of Directors Keep Riverside Ahead, 1984-86.
- Member of the Board of Directors of Public Industry Council (PIC), County of Riverside, 1983-85.
- President, Central Educational Council of the Western Prelacy Armenian Schools, Los Angeles, California, 1981-82.
- Chairman of the Educational Council of Mesrobian High School, Pico Rivera, California, 1975-81.

PUBLIC SERVICE

- Elected Member of the City Council, Aleppo, Syria 1960-61
- Elected Member of the Joint National Union, United Arab Republic, Cairo Egypt, 1960
- Member of the Executive Committee of the National Union, Northern Syria, 1960-61

PUBLICATIONS

- S. Karamardian, "*Fixed Points: Algorithms and Applications*". Edited Volume, Academic Press, 1977.

JOURNAL ARTICLES:

- S. Karamardian, "*Strictly Convex (Concave) Functions and Duality in Mathematical Programming*". Journal of Mathematical Analysis and Applications, Vol. 20, No. 2, 1968.
- S. Karamardian, "*Existence of Solutions of Certain Systems of Nonlinear Inequalities*". Numerische Math., 112, 1968
- S. Karamardian, "*The Nonlinear Complementarity Problem with Applications, I*". Journal of Optimization Theory and Applications, Vol. 4, No.3, 1969.
- S. Karamardian, "*The Nonlinear Complementarity Problem with Applications, II*". Journal of Optimization Theory and Applications, Vol. 4, No.3, 1969.
- S. Karamardian, "*A Class of Nonlinear Programming Problems*". Cahiers De Centre D'Etude Operationelle, Vol 13, 1971.
- S. Karamardian, "*A Further Generalization of Kirezbraum's Theorem*". Inequalities. O. Shisha (Ed.) 3, 1071.
- S. Karamardian, "*The Generalized Complementarity Problem*". Journal of Optimization Theory Applications, Vol. 8, No.3, 1971.
- S. Karamardian, "*The Complementarity Problem*". Journal of Mathematical Programming, Vol. 2, No.1, 1972
- R. Juberg, S. Karamardian, "*On Variational Type Inequalities*", Bollettino, U.M.I., (4), 1973.
- S. Karamardian, "*Complementarity Problems Over Cones with Monotone and Pseudo-Monotone Maps*". Journal of Optimization Theory and Applications, Vol. 18, No.4, 1976.
- S. Karamardian, "*An Existence Theorem for the Complementarity Problem*". Journal of Optimization Theory and Applications, Vol.19, No.2, 1976.
- S. Karamardian, C. Bowman, "*Error Bounds for Computing Fixed Points*". Fixed Points: Algorithms and Applications, S.Karamardian (Ed.), Academic Press, 1977.
- S. Karamardian, "*A Note on Khatchian's Algorithm*". Journal of Optimization Theory and Applications, Vol. 32, No. 4, 1980
- S. Karamardian, Siegfried Schaible, "*Seven Kinds of Monotone Maps*". Journal of Optimization Theory and Applications, Vol. 66, No. 1, 1990
- S. Karamardian, Siegfried Schaible, and J.P. Crouzeix, "*First-Order Characterizations of Generalized Monotone Maps*". Journal of Optimization Theory and Applications, March, 1993

REPORTS:

- S. Karamardian, "*Duality in Mathematical Programming*". Operations Research Center, University of California, Berkeley, ORC 66-2, 1966.
- S. Karamardian, "*A Markovian Model for Brand Loyalty*". Shell Development Co. Report, Emeryville, California, 1966.
- S. Karamardian, "*A Mixed Integer Quadratic Programming Model for Refinery Locations*". Shell Development Co. Report, Emeryville, California, 1966.
- S. Karamardian, "*An Evaluation of the Federal Government Educational Program in Systems Analysis (EPSA)*". United States Civil Service Commission Report, Washington, D.C., 1971.
- S. Karamardian, "*An Algorithm for a Large Multi-Year Project Management Problem*". Hollander Associates Report, Fullerton, California, 1974.
- S. Karamardian, "*Statistical Reliability and Validity of the Fountain Valley Teachers Support System in Mathematics*". Zweig Associates Report, Fountain Valley, California, 1976.
- S. Karamardian, Dennis Brehm, "*Computer Aided Classroom Instruction: Linear Programming*". Graduate School of Management, University of California, Irvine, 1977.
- S. Karamardian, "*Statistical Reliability and Validity of the Teachers Support System in Secondary Reading*". Zweig Associates Report, Fountain Valley, California, 1977.
- S. Karamardian, "*Statistical Reliability and Validity of ZERO-IN*". Zweig Associates Report, Fountain Valley, California, 1978.