

RESUME
PARVIZ GHANDFOROUSH
(January 2023)

Department of Business Information Technology
Pamplin College of Business
Virginia Polytechnic Institute & State University
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16330 Pyewacket Lane
Waterford, Virginia 20197
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EDUCATION

- Ph.D.** Management Science, Texas Tech University
Major: Management Science/Operations Research
Minors: Information Systems, Operations Management
- MBA** Business Administration, University of Texas at Austin
Major: Management Science/Operations Research
Minors: Management and Finance
- B.S.E.E.** Electrical Engineering, University of Texas at Austin
Major: Communication, Control Systems and Electronics

ADMINISTRATIVE APPOINTMENTS

- 2014 – Present** Associate Dean for Graduate Programs, Pamplin College of Business, Virginia Tech
- 2001 – Present** Executive Director, Master of Information Technology Program (MIT), and MIT-India Program, Virginia Tech. Responsible for directing all academic, fiscal and administrative activities of the interdisciplinary Master of Information Technology Program, a joint degree offered by Pamplin College of Business and College of Engineering
- 1991 - 2014** Executive Director, Pamplin College of Business Graduate Programs, including MBA, EMBA, PMBA, OMBA, MIT, and Executive PhD in Business Research, National Capital Region, Virginia Tech
- 1999 - 2003** Director, e-Business Systems Integration Center. A research and

development center sponsored by the State of Virginia CIT (Center for Innovative Technology)

ACADEMIC POSITIONS

- 1993 – Present** Professor of Business Information Technology
Virginia Tech
- 1984 - 1993** Associate Professor of Management Science
Virginia Tech
- 1981 – 1984** Assistant Professor of Management Science
Virginia Tech
- 1980 – 1981** Assistant Professor of Management Science
Texas Tech University
- 1977 – 1980** Part-time Instructor, Management Science
Texas Tech University
- 1975 – 1977** Part-time Instructor, Mathematics
University of Texas at Austin

TEACHING

Courses Taught (Virginia Tech):

- MSci 2401 Business Statistics
- MSci 3400 Introduction to Management Science
- MSci 4380 Special Topics in Production Management
- MSci 4400 Management Science II
- MSci 4410 Problems in Operations Management
- MSci 4490 Fundamentals of Management Science
- MSci 5401 Quantitative Analysis and Synthesis in Business Decisions I
- MSci 5402 Quantitative Analysis and Synthesis in Business Decisions II
- MSci 5404 Management Science
- MSci 5414 Operations Management: Problems and Techniques
- MSci 5444 Advanced Management Science
- MSci 5450 Computer-Based Decision Support Systems
- MSci 5460 Current Issues in Production and Operations Management
- MSci 5974 Independent Study in Management Science
- MSci 5484 Productivity Management
- MSci 6414 Technology Transfer

- BIT 5594 □ E-Commerce & Web-based Applications
- BIT 5644 □ EMBA- Evaluation & Utilization of Info. for Business Decisions
- BIT 5604 □ EMBA- Modeling Decision Making for Competitive Advantage
- BIT 5954 □ EMBA- International residency

Courses Taught (Texas Tech):

- BA 5372 □ MBA Production/Operations Management
- BA 5378 □ Advanced Graduate Production/Operations Management
- BA 5379 □ Graduate Seminar in Production/Operations Management
- BA 3378 □ Introduction to Production/Operations Management
- BA 2342 □ Quantitative Analysis for Management Decisions I
- BA 2445 □ Introduction to Business Statistics
- Math 137 □ Business Mathematics I

DISSERTATION/THESIS COMMITTEES

Doctoral:

- Fakeha Sehar, Electrical & Computer Engineering, member- Graduated, 2017
- Desong Bian, Electrical & Computer Engineering, member- Graduated, 2016
- Ahmet Onen, Electrical & Computer Engineering, member- Graduated, 2015
- Monica Mallini, Electrical & Computer Engineering, member, 2013
- Reza Arghandeh, Electrical & Computer Engineering, Advanced Research Institute, Member – Graduated, 2013
- Shenganan Shao, Electrical & Computer Engineering, Advanced Research Institute, Member – Graduated, 2011
- Manisa Pipattanasomporn, Electrical & Computer Engineering, member – Graduated, 2005
- Valeri Plotnikov, Civil & Environmental Engineering, member – Graduated, 2002
- Joanna M. Leleno, Industrial Engineering & Operations Research, member – Graduated, 1989
- Danny C. Myers, Industrial Engineering & Operations Research, member – Graduated, 1984
- Warren Adams, Industrial Engineering & Operations Research, member – Graduated, 1984
- Brian Greber, Forestry, member – Graduated, 1983

Masters:

- Robert Ryan, Industrial Engineering & Operations Research, member – Graduated, 1989

- John J. Daniels, Systems Engineering, member – Graduated, 1988
- Sami Kabbani, Industrial Engineering & Operations Research, member – Graduated, 1987
- Leitha Bennett, Industrial Engineering & Operations Research, member – Graduated, 1987
- Gerald D. Lawrence, Forestry, member – Graduated, 1985

ACADEMIC PROGRAM DEVELOPMENT AND LAUNCH

- Master of Information Technology Program, IT and related Modules with 10 Tracks, 2010
- Ten SCHEV approved Information Technology Certificates in the MIT program including: Big Data, Business Data Analytics, Cybersecurity Management, Cybersecurity Policy, Cybersecurity Technologies, Health Information Technology, Information Systems Design, Information Technology Management, Internet & Network Technologies, Software Development, 2020
- MBA, EMBA, and PMBA specializations in Information technology, Business Intelligence/Analytics, and Entrepreneurship, 2016-2021
- Online MBA Program, including IT and Analytics tracks, 2021
- MBA and MIT STEM Designations, in progress

AWARDS AND RECOGNITIONS

- Honorary Professorship distinction, The Russian-Armenian University in Armenia, awarded by the former Prime Minister of Armenia, Dr. Armen Darbinyan, 2009.
- Commencement Speaker (Honored Guest), S.P. Jain Institute of Management & Research, Mumbai, India, 2007
- Board of Directors, TechContinuum Technology Corporation, Northern Virginia, 2000-2007
- Board of Directors, Alexandria Small Business Development Center, Member, 1999 - 2007
- Advisory Board, Chair, MIT Program, Virginia Tech, Member 2001- 2013
- Executive Committee, MIT Program, Virginia Tech, member 2013- present
- Outstanding paper recognition, National Decision Sciences Institute meeting (1986)
- Outstanding Teaching Award, Northern Virginia Graduate Programs (1994)
- Outstanding service award, Washington Operations Research/Management Science Council (1988)

GRANTS

- A Hardware/ Software Solution for A Robust, Resilient and Secure Demand Response Paradigm, NSF, Co-Principal Investigator with Saifur Rahman (ECE) and M.

- Pipattanasomporn (ECE) (2013)
- MIT Program, Virginia Tech, Principal Investigator, generated annual revenues of \$2,000,000 - 7,000,000 (1999 – present)
- MIT-India Program, Virginia Tech, Principal Investigator, \$850,000 (2007)
- MIT-India Program, Virginia Tech, Principal Investigator, \$800,000 (2006)
- Center for Innovative Technology (CIT), State of Virginia, \$26,436 (1999), and KPMG LLP, \$183,000 (1999)
- USAID, Cairo, Egypt, Analytics and Digital Marketing, \$28,000 (2017)
- USAID, Yerevan, Armenia, Web-based Technologies, \$26,000 (2008)
- R.B. Pamplin College of Business, Productivity Research Grants (1982, 1983, 1984)
- Virginia Tech Supplemental Grants award (1992, 1995)

UNIVERSITY and COLLEGE COMMITTEE SERVICE

Provost's Initiative for NCR, VT MIX, 2017 – Present
 Cyber X Stakeholders Committee, Hume Center, 2017 – 2021
 Pamplin College of Business Academic Committee, 2014 - Present
 Pamplin College of Business Associate Deans Committee, 2014- Present
 Dean of Graduate School Evaluation Committee, Virginia Tech, 2020
 Department Head Review Committee, Dept. of Management, 2021
 Provost's NCR VP search Committee, 2013
 Virginia Tech Strategic Planning Committee for National Capital Region, 2011 - Present
 Master of Information Technology Program, Executive Committee, 2001 – Present
 Master of Information Technology Program, Curriculum Committee, Chair, 20013- Present
 Master of Information Technology Program, Advisory Board, 2015 - Present
 Master of Information Technology Program, Director Search Committee, Chair, 2015, 2021
 Provost's Coordinating Council for Virginia Tech in Northern Virginia, 2002 – Present
 Pamplin College of Business Research Committee, 2016 - 2021
 Pamplin College of Business MBA Alumni Advisory Board, member, 2013- present
 Pamplin College of Business Graduate Studies & Policies Committee, member, 2014-present
 Curriculum and Coordination Committee member for Virginia Tech/Georgetown University
 Joint degree in Biomedical Sciences & Technology management, 2002 - 2005
 Pamplin College of Business Dean's Evaluation Committee, 2000
 Provost's Graduate Programs for Master of Information Technology Committee, 1998-1999
 Graduate Center Director Search Committee, 1995, 2009
 Graduate Center Outreach Committee, 1994
 Graduate Center Response Committee, 1993-1994
 Graduate Center Strategic Planning Committee, 1996-1997
 University, Incentives and Resources Committee, 1992
 College of Business, Associate Dean for Graduate and International Programs Search Committee, 1996, 1998
 Northern Virginia Directors Committee, 1991 - Present

MBA Program, Teaching and Service Award Committee, 1993-Present
MBA Program, Faculty Search Committee, 1991-Present
MBA Program, Strategic Planning Committee, 1991-Present
Department of Business Information Technology Personnel Committee, 1993-2007
Department of Business Information Technology Endowed Professorship Committee, 1994
Northern Virginia MBA Operational Planning Committee, 1991
Northern Virginia MBA Student Advisor, 1991 - Present
Northern Virginia Business Faculty Association Committee, 1989 - Present
MBA Computer Committee, 1989/90
MBA Director Search Committee, 1988/89, 1990/91, 2014
EMBA Director Search Committee, 2004, 2012
Computer Science Program, Faculty Search Committee, 1996/97
University, Graduation Committee, 1986/88
University, Graduate Center Computer & Information Resources Committee, 1985/88
University Graduate Honor System Committee, 1983/84, 1984/85
College of Business Advisor for Management Science Majors, Junior and Senior Students, 1984/85
College of Business Advisor for General Business Majors, Junior and Senior Students, 1981/82, 1982/83, 1983/84
Department of Management Science Graduate Policy and Curriculum Committee, 1983/84
Department of Management Science Coordinator for Section Balancing MSci 3400, 1983/84
Department of Management Science Undergraduate Policy and Curriculum Committee, 1982/83
Department of Management Science Student and Faculty Awards Committee, 1981/82, 1983/84, 1984/85
College of Business Administration M.B.A. Faculty Committee, Texas Tech University, 1980/81
College of Business Administration M.B.A. Examination Committee, Texas Tech University, 1980/81
College of Business Administration PhD Faculty Committee, Texas Tech University, 1980/81

PROFESSIONAL MEMBERSHIPS

Decision Sciences Institute (DSI)
Southeast Region of the Decision Sciences Institute
Northeast Region of the Decision Sciences Institute
Institute for Operations Research and Management Science (INFORMS)
Southeastern Chapter of the Institute of Management Sciences
Washington, D.C. Operations Research/Management Science Council (WORMSC)
The Institute of Management Science, College on Engineering Management Chapter
Production and Operations Management Society

PROFESSIONAL ACTIVITIES

Chairperson and Organizer, Strategies for e-Business Systems Forum, Vienna, VA, 1999
Cluster Chair, Management Science and its Applications, INFORMS Conference, Seattle, Washington, 1998.
Chairperson, Data Warehousing for Competitive Advantage Conference, Falls Church, VA, 1998
Chairperson, TIMS XXXI/EURO XII Joint International meeting (COLEM), Helsinki, Finland and St. Petersburg, Russia, 1992
Director, TIMS College on Engineering Management, 1992
Chairperson, The Institute of Management Sciences College on Engineering Management, 1990-91
Program Chair, The Institute of Management Sciences College on Engineering Management, 1990-91
Newsletter Editor, TIMS College on Engineering Management, 1988-90
Secretary, TIMS College on Engineering Management, 1987-88
Treasurer, TIMS College on Engineering Management, 1986-87
Director, WORMSC Engineering Management Group, 1986-87
Director, WORMSC Arrangements Committee, 1986-87
Track Chair, TIMS (COLEM)
Track Chair, N.E. DSI
Panel Chair, National Decision Science Institute
Session Chairperson, National Decision Science Institute meetings
Session Chairperson, Operations Research Society of America, Computer Science Technical Section's Conference
Session Chairperson, Joint National ORSA/TIMS meetings
Session Chairperson, National INFORMS meetings
Session Chairperson, INFORMS International meetings
Session Chairperson, National Decision Sciences Institute meetings
Session Chairperson, WORMSC
Session Chairperson, S.E. TIMS
Session Organizer, National DSI
Session Organizer, COLEM, TIMS
Discussant, S.E. DSI
Discussant, S.E. TIMS

EDITORIAL SERVICE

Editor, Special Issue on Applications of Integer Programming, Computers & Operations Research, 1986
Editorial Advisory Board, IEEE Transactions on Engineering Management (1986-1990)
Editorial Advisory Board, Computers & Operations Research (1986-2006)
Reviewer, Operations Research
Reviewer, Operations Research Letters
Reviewer, ORSA Journal on Computing

Reviewer, IEEE Transactions on Engineering Management
Reviewer, Journal of Operations Management
Reviewer, IIE Transactions
Reviewer, Journal of the Operational Research Society
Reviewer, European Journal of Operational Research
Reviewer, Decision Sciences
Reviewer, Computers & Operations Research
Reviewer, Interfaces
Reviewer, Forest Science
Reviewer, S.E. DSI Proceedings
Reviewer, National DSI Dissertation Competition
Reviewer, S.E. TIMS Proceedings
Reviewer, International Conference on Engineering Management
Reviewer, Journal of Transportation Research

INTERNATIONAL ACTIVITIES

Global Residency Course, EMBA, South Africa, Croatia, Vietnam, February - March 2021
Global Residency Course, EMBA, Argentina, Peru, February - March 2020
Global Residency Course, EMBA, China, February – March 2019
Global Graduate Familiarization Program, Croatia, Slovenia, October 2019
Global Residency Course, EMBA, Czech Republic, Germany, February – March 2018
Leadership and Digital Marketing Seminar- Improving Tourism Industry in Egypt, Sponsored by USAID, December 2017.
Paper Presented, IADIS e-Learning (Computer Science & Information Systems) Conference, Lisbon, Portugal, 2017.
Developed the partnership program for MIT program and Vedatya Institute of Management & Technology in Delhi, India, 2015.
Assisted the Russian-Armenian University in their Strategic Planning and Curriculum development in Information technology. Sponsored by USAID, 2009.
Honored Guest, Commencement Speaker, S.P. Jain Institute of Management & Research, Mumbai, India, 2007.
Managing Director, MIT-India program with S.P. Jain Institute of Management and Technology, 2003 – Present.
Taught MIT-India students (29 in cohort I, 56 in cohort II, 63 in cohort III, 59 in cohort IV) in Mumbai, India, 2004 – 2007.
Represented Virginia Tech and Pamplin College in academic and corporate meetings in India, 2003 –present.
Designed the MIT-India Program to be delivered in Mumbai, India, 2003.
Designed the MIT Program and courses for online delivery in Egypt, 2002.
Managed the MIT/ INT exchange program, 2002 – present.
Developed an inter-disciplinary international course for study-abroad in Milan, Italy, 2001.

Paper Presented, IADIS e-Learning (Computer Science & Information Systems) Conference, Rome, Italy, 2011.
Paper presented, IADIS e-Learning (Computer Science & Information Systems) Conference, Prague, Czech Republic, 2013.
Session Chair, INFORMS, Beijing, China, 2012
Session Chair, INFORMS, Montreal, Canada, 1998
Session Chair, and Paper Presenter, TIMS International Conference, Barcelona, Spain, 1997
Session Chair, TIMS International Conference, Singapore, 1995.
Cluster Chair, INFORMS, Barcelona, Spain, 1997
Track Chair, N.E. DSI, St. Croix, VI, 1996
Cluster Chair and committee member, TIMS International Conference, Helsinki, Finland, 1992
Technology management chair, St. Petersburg, Russia, 1992

PUBLICATIONS

Dissertation:

"A Constructive Primal-Dual Cutting Plane Algorithm for All-Integer Programming,"
Texas Tech University, May 1980.

Thesis:

"Linear Programming and the L1-Norm," University of Texas, December 1974.

Books:

Management Science for Decision Makers, West Publishing, 1993. Co-author: L.M. Austin.

Solutions Manual for Management Science for Decision-Makers, West Publishing, 1993.
Co-author: L.M. Austin.

Instructor's Manual for Introduction To E-Commerce, McGraw-Hill/Irwin, 2001.

Journals Edited:

Ghandforoush, P. (editor), "Applications of Integer Programming." Computers & Operations Research, Vol. 13, No. 5, 1986, pp. 533-646.

Journal Articles:

Fatima JK, Ghandforoush P, Khan M, Di Mascio R. "Mobile learning adoption for tourism education in a developing country," Current Issues in Tourism, Vol. 22, No. 4, 2019. Pp 420-427.

Fatima, J.K., Ghandforoush, P., Khan, M., Di Masico, R., "Role of Innovativeness and Self-efficacy in Tourism m-Learning," Tourism Review, Vol. 72, No. 3, 2017, pp. 1 – 12.

Sobaih, A.E., Moustafa, M.A., Ghandforoush, P., Khan, M., "Social Media in Higher Education in Developing Countries," Computers in Human Behavior, Vol. 58, 2016, pp. 296-305.

Sen, T.K., and Ghandforoush, P., "IT Consulting Companies: Financial Strategies for Growth." CFO Connect, April 2012.

Sen, T.K., Ghandforoush, P., "Radical and Incremental Innovation Preferences in Information Technology: An Empirical Study in an Emerging Economy," Journal of Technology Management and Innovation, Vol. 6, No. 4, 2011, pp. 33-44.

Ghandforoush, P., Sen, T.K., "A DSS to Manage Platelet Production Supply Chain for Regional Blood Centers." Decision Support Systems, Vol. 50, Issue 1, 2010.

Ghandforoush, P., Sen, T.K., Tegarden, D.P., Ramaswamy, R., "Designing Systems Using Business Components: A Case Study in Call Center Automation." Int. Journal of Electronic Customer Relationship Management, Vol. 4, No. 2, 2010, pp. 161-179.

Sen, T.K., Ghandforoush, P., and Stivason, C.T., "Improving Prediction of Neural Networks: A Study of Two Financial Prediction Tasks." Journal of Applied Mathematics and Decision Sciences, Vol. 8, No. 4, 2004, pp. 219-233.

Ghandforoush, P., Collura, J., and Plotnikov, V., "Developing a Decision Support System for Evaluating an Investment in Fare Collection Systems in Transit." Journal of Public Transportation, Vol. 6, No. 2, 2003.

Ghandforoush, P., Sen, T. K., Wander, M. "A Decision Support System for Electric Utilities: Compliance with Clean Air Act." Decision Support Systems, Vol. 26, No. 4, 1999, pp. 261- 273.

Amini, A., and Ghandforoush, P., "Heuristic Sensitivity Analysis in a Combinatoric Environment." European Journal of Operational Research, Vol. 108, No. 3, 1998, pp.604-617.

Ghandforoush, P., "Optimal Allocation of Time in a Hospital Pharmacy Using Goal Programming." European Journal of Operational Research, Vol. 70, No. 2, 1993, pp. 191-199.

Ghandforoush, P., and Loo, J., "A Nonlinear Procurement Model with Quantity Discounts." Journal of the Operational Research Society, Vol. 43, No. 11, 1992, pp. 1087-1093.

Ghandforoush, P., and Daniels, J.J., "A Heuristic Algorithm for the Guillotine Constrained Cutting Stock Problem." INFORMS Journal on Computing. Vol. 4, No. 3, 1992, pp. 351-356.

Abstracted version in: OR/MS Today, August, 1992.

Ghandforoush, P., "An Integer Linear Programming Model for the Cargo Airline Parts Inventory Problem." IIE Transactions, Vol. 23, No. 2, 1991, pp. 121-126.

Daniels, J.J. and Ghandforoush, P., "An Improved Algorithm for the Non-Guillotine Constrained Cutting Stock Problem." Journal of the Operational Research Society, Vol. 41, No. 2, 1990, pp. 141-149.

Arthur, J.L., Davis, A.L., and Ghandforoush, P., "A Network Queuing Model for Data Communication Systems." Omega (The International Journal of Management Science), Vol. 15, No. 2, 1987, pp. 157-165.

Ghandforoush, P., review of "Technology, Management and Markets," IEEE Transactions on Engineering Management, Vol. EM-34, No. 4, 262 pages (1987).

Ghandforoush, P., and Greber, B.J., "Solving Allocation and Scheduling Problems Inherent in Forest Resource Management Using Mixed-Integer Programming." Computers & Operations Research, Vol. 13, No. 5, 1986, pp. 533-562.

Reprinted in Computers & Information Sciences, Vol. 35, No.3, 1987.

Arthur, J.L., Friendewey, J.O., Ghandforoush, P., and Rees, L.P., "Micro-Computer Simulation Systems." Computers & Operations Research, Vol. 13, No. 2/3, 1986, pp. 167-183.

Ghandforoush, P., Huang, P.Y., and Taylor, B.W., "A Multi-Criteria Decision Model for the Selection of Computerized Manufacturing Control Systems." International Journal of Production Research. Vol. 23, No. 1, 1985, pp. 117-128.

Austin, L.M., and Ghandforoush, P., "A Surrogate Cutting Plane Algorithm for All-

Integer Programming Problems." Computers & Operations Research, Vol. 12, No. 3, 1985, pp. 244-250.

Ghandforoush, P., and Austin, L.M., "Solution Approaches for Highly Primal- and Dual-Degenerate All-Integer Programming Problems." Computers & Operations Research, Vol. 12, No. 1, 1985, pp. 91-97.

Huang, P.Y., and Ghandforoush, P., "Procedures Designed for Evaluating and Selection of Robots." Industrial Engineering, Vol. 16, No. 4, 1984, pp. 44-48.

Reprinted in Industrial Engineering and Management Press, 1986.

Sen, T.T., Austin, L.M., and Ghandforoush, P., "An Algorithm for the Single Machine Sequencing Problem to Minimize Total Tardiness." IIE Transactions, Vol. 15, No.4, 1983, pp. 363-366.

Sanders, G.L., Ghandforoush, P., and Austin, L.M., "A Model for the Evaluation of Computer Software Packages." Computers & Industrial Engineering, Vol. 7, No. 4, 1983, pp. 309-315.

Ghandforoush, P., "Accelerated Primal-Dual Cutting Plane Algorithm for All Integer Programming." Computers & Operations Research, Vol. 10, No. 3, 1983, pp. 249-254.

Austin, L.M., and Ghandforoush, P., "An Advanced Dual Algorithm with Constraint Relaxation for All-Integer Programming." Naval Research Logistics Quarterly, Vol. 30, No. 1, 1983, pp. 133-143.

Abstracted version in: Zentralblatt fur Mathematik, Vol. 480/V1-V6, 1984.

Huang, P.Y., and Ghandforoush, P., "Simulation Language Selection and Evaluation Model." Journal of Systems Management, Vol. 34, No. 4, 1983, pp. 10-15.

Ghandforoush, P., "An Evaluation Model for Mini-Computer Selection." Journal of Systems Management, Vol. 33, No. 6, 1982, pp. 11-14.

Ghandforoush, P., and Austin, L.M., "A Primal-Dual Cutting-Plane Algorithm for All-Integer Programming." Naval Research Logistics Quarterly, Vol. 28, No. 4, 1981, pp. 559-566.

Book Chapters Published (Refereed):

Arthur, J.L., and Ghandforoush, P., "Subjectivity and Portfolio Optimization." In Advances in Mathematical Programming and Financial Planning, Lawrence, Gerard,

Reeves (Editors), Vol. 1, 1987, pp. 171-186, JAI Press, Inc.

Arthur, J.L., and Ghandforoush, P., "An Information System for R&D Managers." In Handbook of Technology Management, (Modern Practices in Engineering, Science and Research), D. F. Kocaoglu (editor), Vol. 1, 1989, John Wiley & Sons, Inc.

Ghandforoush, P., Huang, P.Y., and Moore, L.J., "A Multi-Project, Multi-Criteria Evaluation and Selection Model for R&D Management." In Management of R&D and Engineering, D.F. Kocaoglu (Editor), 1992, pp. 90-100, Elsevier Science Publishers.

Book Reviews:

"Technology, Management and Markets," IEEE Transactions on Engineering Management, Vol. EM-34, No. 4, 262 pages (1987).

"Expert Systems in Management," by Robert A. Wolfe, Holden-Day Publishing Co., 654 pages (1990).

"Logistics in The Forest Sector," by Kim Sjostrom, Timber Logistics, Helsinki, 298 pages (2000).

Manuscripts Under-Review:

Ghandforoush, P. and Khan, M., "Data Breach and Cybersecurity in Hospitality Businesses: An Analytical Assessment", International Journal of Hospitality Management (Pamplin Elite Journal), 2022.

Khan, M. and Ghandforoush, P., "The Readiness of IoT Applications in Hospitality Services: A Comparative Assessment with Medical Services", International Journal of Hospitality Management (Pamplin Elite Journal), 2022

Sen, T.K., and Ghandforoush, P., "Enterprise Systems for Faculty Information in Universities: Implementation Challenges," Journal of Enterprise Information Management, 2021.

Manuscripts in Preparation:

Ghandforoush, P., "A Decision Support System for Electric Utility Demand Forecast."

Ghandforoush, P., and Sen, T.K., "Design and Strategies for Developing Software Components."

Ghandforoush, P., and Sen, T.K., "Perceptions of Online Learning: An Empirical Study-

A Contingency Model of Effectiveness.”

Khan, M., Ghandforoush, P., “Facial Expressions as Translators of Consumers' Emotions in Hospitality Services.”

Papers Presented at Professional Meetings and Published in Proceedings:

Ghandforoush, P., “Designing A Web-Based Asynchronous Innovation/Entrepreneurism Course,” Proceedings of IADIS, International Association for Development of the Information Society, (Lisbon, Portugal: 2017).

Ghandforoush, P., “A Study of Perceptions of Online Education among Professionals,” Proceedings of IADIS, International Association for Development of the Information Society, (Prague, Czech Republic: 2013).

Ghandforoush, P., “Platelet Production in a Regional Blood Center Using Integer Nonlinear Programming,” Proceedings of N.E. DSI meeting, (St. Croix: 1996).

Ghandforoush, P., "Integer Nonlinear Programming - Problems and Algorithms," Proceedings of the National Decision Sciences Institute meeting, (San Francisco: 1992).

Ghandforoush, P., "Solving the Platelet Production Problem in a Regional Blood Center." Proceedings of the National Decision Sciences Institute meeting, (New Orleans, Louisiana: (1989).

Ghandforoush, P., "Analysis of Parts Inventory Using 0-1 Integer Programming," Proceedings of the National Decision Sciences Institute meeting, (Las Vegas: 1988).

Ghandforoush, P., "Mixed-Integer Programming Applied to Allocation and Scheduling Problems in Forest Resource Management," Proceedings of the National Decision Sciences Institute meeting, (Honolulu, Hawaii: 1986), pp. 761-763.

Ghandforoush, P. and Huang, P.Y., "Industrial Robot Selection," Proceedings of the National American Institute of Decision Sciences meeting, (Toronto, Canada: 1984).

Ghandforoush, P. and Friendewey, J.O., "0-1 Integer Programming and the Greenhouse Problem," Proceedings of the National American Institute of Decision Sciences meeting, (Toronto, Canada: 1984).

Ghandforoush, P., Gupta, S.K., and Sen, T.T., "Minimizing the Range of Lateness on a Single Machine," Proceedings of the National American Institute of Decision Sciences meeting, (San Antonio, Texas: 1983), p. 970.

Ghandforoush, P., and Huang, P.Y., "A Multi-Criteria Model for R&D Project Selection," Proceedings of the National American Institute of Decision Sciences meeting, (San Antonio, Texas: 1983), p. 833.

Ghandforoush, P., Reed, R.O., and Sanders, G.L., "A Composite Decision Making Index for Merger Evaluation," Proceedings of the National American Institute of Decision Sciences meeting, (San Antonio, Texas: 1983). (Microfiche).

Ghandforoush, P., and Huang, P.Y., "Industrial Robot Selection," Proceedings of the S.E. TIMS meeting, (Myrtle Beach, S.C.: 1983).

Blaylock, B.K., and Ghandforoush, P., "Tax Sheltered Annuities: Evaluation and Selection," Proceedings of the S.E. American Institute of Decision Sciences meeting, (Williamsburg, VA: 1983), pp. 185-187.

Chandy, P.R., and Ghandforoush, P., "Portfolio Selection Model," Proceedings of the S.E. American Institute for Decision Sciences meeting, (Williamsburg, VA: 1983), pp. 77-79.

Austin, L.M., Ghandforoush, P., and Sanders, G.L., "An Evaluation Model for Computer Software Packages," Proceedings of the National American Institute of Decision Sciences meeting, (San Francisco, CA: 1984), pp. 171-173.

Austin, L.M., and Ghandforoush, P., "A Revised Surrogate Cutting Plane Algorithm for All-Integer Programming," Proceedings of the National American Institute of Decision Sciences meeting, (San Francisco, CA: 1982), pp. 259-261.

Ghandforoush, P., and Huang, P.Y., "An Integrated Procedure for the Evaluation and Selection of Simulation Languages," Proceedings of the S.E. TIMS meeting, (Myrtle Beach, S.C.: 1982), pp. 209-213.

Frendewey, J.O., and Ghandforoush, P., "Development of a Network Model for a Greenhouse Scheduling Problem," Proceedings of the S.E. TIMS meeting, (Myrtle Beach, S.C.: 1982), pp. 174-179.

Austin, L.M., and Ghandforoush, P., "Constraint Relaxation in a Primal-Dual Cutting-Plane Algorithm for All-Integer Programming," Proceedings of the National American Institute of Decision Sciences meeting, (Boston, Mass.: 1981), pp. 265-267.

Austin, L.M., Ghandforoush, P., and Hanna, M.E., "Advanced Starts in a Primal-Dual Cutting-Plane Algorithm for All-Integer Programming." Proceedings of the National American Institute of Decision Sciences meeting, (Las Vegas, Nevada: 1980), pp. 160-162.

Other Papers Presented at Professional Meetings:

Ghandforoush, P., "Leadership and Digital Marketing Seminar- Improving Tourism Industry in Egypt, Sponsored by USAID, December 2017.

Ghandforoush, P., "An Empirical Study of Perceptions of Online Education." IADIS e-Learning (Computer Science & Information Systems) Conference, 2011, Rome.

Ghandforoush, P., and Sen, T.K., "Design of e-Business Market Exchanges: A Transportation Services Industry Prototype." INFORMS Conference, San Antonio, Texas. Fall, 2000.

Ghandforoush, P., and Amini, M., "Sensitivity Analysis in Integer Programming and Heuristics-based Models." INFORMS Conference, Seattle, Washington. Fall, 1998.

Ghandforoush, P., and Hoopes, Barbara, "Process Control in a Multi-Layer PCB manufacturing Organization - Lessons From the Field." INFORMS International Conference, Barcelona, Spain, July 1997.

Ghandforoush, P., "New Product Development and Productivity Management." INFORMS International Conference, Singapore, June 1995.

Ghandforoush, P., "Applications of Fuzzy Set Theory in Management Science." INFORM (ISA), Los Angeles, CA, April 22-26, 1995.

Ghandforoush, P., "New Product Development and Productivity Management." Presented at the 1993 National Decision Sciences Institute meeting, Washington, D.C.

Ghandforoush, P., "The Role of Management Science in Productivity Management and Improvement." Presented at the 1993 United Nations Conference on Economic Development, Tehran, Iran.

Ghandforoush, P., "The Location of Disaster Relief Facilities." Presented at the 1992 EURO XII/TIMS XXXI Joint International Conference, Helsinki, Finland.

Ghandforoush, P., "Minimum Cost Security Policy in Networks." Presented at the 1991 ORSA/TIMS Joint National meeting, Nashville, TN.

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