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**EDUCATION**

**Ph.D In Applied Mathematics**Kharazmi University 2003-2007
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**PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1539** | **21** | **125** | **50** | **2** |
| Citations | h-Index | Article | Conference | Book |

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**2.** Linear Optimization. Soleimani-damaneh Majid (2021).

***Conferences***

**1.** A New Dual-Based Cutting Plane Algorithm for Nonlinear Adjustable Robust Optimization. Khademi Abbas, Marandi A.R., Soleimani-damaneh Majid (2023)., SIAM Conference on Optimization (OP23), 31 May-3 June.

**2.** GENERALIZED FJ AND KKT CONDITIONS IN NONSMOOTH NONCONVEX OPTIMIZATION. Koushki Javad, Soleimani-damaneh Majid (2023)., The 7th Seminar on Functional Analysis and its Applications, 1-2 March.

**3.** Semi-quasidifferentiability in quasiconvex nonsmooth optimization. Kabgani Alireza, Soleimani-damaneh Majid (2022)., XIII International Symposium on Generalized Convexity and Monotonicity, 13-16 September.

**4.** Investigation of information transfer between different industries of Tehran Stock Exchange using transfer entropy. Namaki Ali, خورسندی اشکان, Soleimani-damaneh Majid (2022)., Econophysics and Complexity Economics, 2-3 March, Iran.

**5.** Identifying the systemic risk trend of banking industry by dynamic complex network approach, EMD, and GRA. Namaki Ali, خلیلی حدیث, Soleimani-damaneh Majid (2022)., Econophysics and Complexity Economics, 2-3 March, Tehran, Iran.

**6.** Scalarization, transformation, and proper efficiency in multi-objective programming: A general umbrella. Soleimani-damaneh Majid, Zamani Moslem (2022)., International E-Conference on Optimization (ICOP 22), 19-21 January, Morocco.

**7.** Robustness and limiting proper efficiency in set-valued optimization. Shahbeyk Shokouh, Soleimani-damaneh Majid (2021)., The 14th International Iranian Operation Research Conference, 19-21 October, Iran.

**8.** Robustness in nonsmooth vector optimization. Soleimani-damaneh Majid (2021)., The Second Workshop on nonsmooth optimization and its applications,, 14-15 September, IRAN.

**9.** Norm-based robust solutions in vector optimization. Soleimani-damaneh Majid, Rahimi Morteza (2021)., 4th International Conference on Mathematical Advances and Applications, 26-29 May, TURKEY.

**10.** Properly increasing maps and proper efficiency in multi-objective programming. Soleimani-damaneh Majid, Zamani Moslem (2021)., The 51st Annual Iranian Mathematics Conference, 15-20 February, IRAN.

**11.** Portfolio selection by multi-objective optimization. Amini Seyed Morteza, جوادی ساجده, Soleimani-damaneh Majid (2020)., The 13th International Iranian Operation Research Conference, 6-9 September, IRAN.

**12.** Limiting proper minimals in finite and infinite dimensional spaces. Shahbeyk Shokouh, Soleimani-damaneh Majid (2019)., The 50th Annual Iranian Mathematics Conference, 26-29 August, Shiraz, Iran.

**13.** On properly nondominated solutions in vector optimization with a variable ordering structure. Shahbeyk Shokouh, Soleimani-damaneh Majid (2019)., International Conference of Iranian Operations Research Society, 1-2 May, Babolsar, Iran.

**14.** On limiting proper minimals of nonconvex sets. Shahbeyk Shokoush, Soleimani-damaneh Majid (2018)., Fourth International Conference on Nonlinear Analysis and Optimization, 18-21 June, zanjan, Iran.

**15.** On vector optimization without considering topology. Mohammadi Ashkan, Soleimani-damaneh Majid (2018)., Fourth International Conference on Nonlinear Analysis and Optimization, 18-21 June, zanjan, Iran.

**16.** On anchor solutions in multiobjective programming. Koushki Javad, Soleimani-damaneh Majid (2018)., Fourth International Conference on Nonlinear Analysis and Optimization, 18-21 June, zanjan, Iran.

**17.** Quasiconvexity: Some theoretical and applied results. Soleimani-damaneh Majid (2018)., The 9th Seminar on Nonlinear Analysis and its Applications, 28 February-1 March, Qazvin, Iran.

**18.** Two problems around quasiconvexity. Soleimani-damaneh Majid (2017)., International Conference on Analysis and its Applications (ICAA-2017), 20-22 November, aligar, India.

**19.** Vector optimization in real linear spaces: The role of core convex topology. Soleimani-damaneh Majid, Mohammadi Ashkan (2017)., 11th International Conference on Parametric Optimization and Related Topics (ParaoptXI), 19-22 September, Prague, Czech Republic.

**20.** Optimality Rate in Linear Programming: A Geometrical Standpoint. Pourkarimi Latif, Soleimani-damaneh Majid (2016)., 47th Annual Iranian Mathematics Confe, 28-31 August, Karaj, Iran.

**21.** Some problems in theoretical and applied optimization. Soleimani-damaneh Majid (2016)., 47th Annual Iranian Mathematics Conference, 28-31 August, Karaj, Iran.

**22.** Anchor units in data envelopment analysis. Amin Mostafaee, Soleimani-damaneh Majid (2016)., The 8th national conference on data envelopment analysis, 3-4 August, Iran.

**23.** . Soleimani-damaneh Majid, Khaledian Kazhal (2016)., 28th European Conference on Operational Research, 3-6 July, Poland.

**24.** . Soleimani-damaneh Majid, Kabgani Alireza (2016)., 14th EUROPT Workshop on Advances in Continuous Optimization, 1-2 July, Warsaw, Poland.

**25.** Some new solution concepts in multiobjective optimization. Soleimani-damaneh Majid (2016)., 9th International Iranian Operation Research Conference, 28-29 April, Iran.

**26.** Robust solutions of nonlinear multiple-objective programming problems. Zamani Moslem, Soleimani-damaneh Majid, Kabgani Alireza (2015)., 23rd International Conference on Multiple Criteria Decision Making, 2-7 August, Hamburg, Germany.

**27.** . Kabgani Alireza, Soleimani-damaneh Majid, Zamani Moslem (2015)., 23rd International Conference on Multiple Criteria Decision Making, 2-7 August, Hamburg, Germany.

**28.** . Shahbeyk Shokouh, Soleimani-damaneh Majid (2015)., 23rd International Conference on Multiple Criteria Decision Making, 2-7 August, Hamburg, Germany.

**29.** Characterizing proper efficiency in multiobjective optimization using a perturbed problem. Khaledian K., Soleimani-damaneh Majid (2015)., 3rd international conference on nonlinear analysis and optimization, 25-27 May.

**30.** Vector Optimization: introduction and some recent problems. Soleimani-damaneh Majid (2015)., 3rd conference of frontiers in Mathematical Sciences, 29 December-1 January, Tehran, Iran.

**31.** Multiobjective Optimization: An introduction and some recent problems. Soleimani-damaneh Majid (2014)., The 45th Annual Iranian Mathematics Conference, 26-29 August, Iran.

**32.** Substantial Efficiency in the Ben- son’s sense. Khaledian Kazhal, Soleimani-damaneh Majid (2014)., 7th International Conference of Iranian Operations Re- search Society, 14-15 May.

**33.** On gap function for nonsmooth multiobjective convex programs. Soleimani-damaneh Majid (2014)., 7th International Conference of Iranian Operations Re- search Society, 14-15 May, Iran.

**34.** The 22rd International Conference on Multiple Criteria Decision Making. Dehnokhalaji Akram, Nasrabadi Nasim, Soleimani-damaneh Majid (2013)., The 22rd International Conference on Multiple Criteria Decision Making, 17-21 June, Spain.

**35.** Production points with the same reference hyperplane in DEA: Applications in sensitivity analysis and returns to scale classification.. Dehnokhalaji Akram, Nasrabadi Nasim, Soleimani-damaneh Majid (2013)., The 22rd International Conference on Multiple Criteria Decision Making, 17-21 June, Spain.

**36.** On value efficiency: a general case. Soleimani-damaneh Majid (2013)., The 22rd International Conference on Multiple Criteria Decision Making, 17-21 June, Spain.

**37.** Zero duality gap in topological vector spaces.. موحدی مینا, بهمردی داریوش, Soleimani-damaneh Majid (2013)., 2nd International Conference on Operations Research and Optimization, 19-22 January, Tehran, Iran.

**38.** On convergence of a differential inclusion-based method for solving nonsmooth convex optimization problems.. حسینی علیرضا, Hosseini S.m., Soleimani-damaneh Majid (2013)., 2nd International Conference on Operations Research and Optimization, 19-22 January, Tehran, Iran.

**39.** Optimization without topology. Soleimani-damaneh Majid, Kiyani Elham (2012)., International Conference on Applied Analysis and Algebra, 20-24 June, Istanbul, Turkey.

**40.** Solving the string selection problem using optimization tools. Soleimani-damaneh Majid (2012)., International Conference on Mathematical Methods and Models in Biosciences, 17-22 June, Sofia, Bulgaria.

**41.** Separation and proper efficiency under linear vector spaces. Soleimani-damaneh Majid, Kiyani Elham (2012)., 5th International Conference of Iranian Operations Research Society, 16-17 May, Tabriz, Iran.

**42.** On proper efficiency in vector optimization. Soleimani-damaneh Majid (2012)., 5th International Conference of Iranian Operations Research Society, 16-17 May, Tabriz, Iran.

**43.** Scalarization for characterization of (strong/weak/ approximate/proper efficiency in set-valued vector optimization.. Soleimani-damaneh Majid (2011)., 10th International Symposium on Generalized Convexity and Monotonicity, 22-27 August, Cluj-Napoca, Romania.

**44.** Panel Discussion: The Future of MCDM. Panelist. Soleimani-damaneh Majid (2011)., The 21st International Conference on Multiple Criteria Decision Making, 13-17 June, Finland.

**45.** Pareto and weak Pareto optimality for nondifferentiable multi-objective programming problems. Soleimani-damaneh Majid (2011)., The 21st International Conference on Multiple Criteria Decision Making, 13-17 June, Finland.

**46.** Some relationships between nonlinear multi-objective programming and (semi-infinite linear multi-objective programming. Soleimani-damaneh Majid (2011)., pre-conference seminar MCDM2011, 11 June, Helsinki, Finland.

**47.** Returns to scale and set-valued elasticity in the presence of time factor. Soleimani-damaneh Majid (2011)., International Conference on Challenges in Statistics and Operations Research, 8-10 March, Kuwait, Kuwait.

**48.** Scalarization optimization and variational inequalities in infinite dimensional spaces. Soleimani-damaneh Majid, Khoshkhabar S. (2011)., International Conference on Operations Research and Optimization, 26-28 January, Tehran, Iran.

**49.** Duality and inverse fractional linear programming. Hasannasab M., Soleimani-damaneh Majid, Fakhri A. (2011)., International Conference on Operations Research and Optimization, 26-28 January, Tehran, Iran.

**50.** GENERALIZED NONSMOOTH CONVEXITY IN SEPARABLEHILBERT SPACES. Soleimani-damaneh Majid (2009)., Infinite Dimensional Analysis and Topology, 27 May-1 June, Ukraine.

**HONORS and AWARDS**

**-** 2020, Tehran, Iran

**Outstanding Young Researcher in Mathematics [Abu-Rayhan Biruni Prize]** 2016, Tehran, Iran

**The outstanding researcher of the University of Tehran, 2011,** 2011, Tehran, Iran

**ACADEMIC POSITIONS**

**COURSES OFFERED**

**Non-Linear Programming

Linear Optimization 1

Multiobjective Optimization

Advanced Linear Optimization

Advanced Nonlinear Optimization

Non-Linear Programming

Advanced Linear Optimization

Linear Optimization 1

Non-Linear Optimization

Topics in Optimization

Advanced Linear Optimization

Linear Optimization 1

Linear Optimization 1

Advanced Nonlinear Optimization

Linear Optimization 1

Multiobjective Optimization

Non-Linear Optimization

Non-Linear Optimization

Advanced Linear Optimization

Linear Optimization 1

Linear Optimization 1

Nonsmooth Optimization

Applications of OR and Optimization

Non-Linear Optimization

Non-Linear Optimization**

**LABORATORIES**