

CURRICULUM VITAE

1. Personal Details

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2. Higher Education – Undergraduate and Graduate Studies

Period of study	Institute and Department	Degree	Year of approval
1998-2003	Ben-Gurion University of the Negev, Industrial Engineering and Management Department	Ph.D. (Summa cum Laude)	2003
1986-1989	Ben-Gurion University of the Negev, Industrial Engineering and Management Department	M.Sc.	1989
1981-1984	Ben-Gurion University of the Negev, Industrial Engineering and Management Department	B.Sc. (Summa cum Laude)	1984

3. Academic Rank and Tenure in Institutes of Higher Education

Dates	Name of Institute and Department	Position
Since 2015	Industrial Engineering and Management Department, SCE - Shamon College of Engineering	Associate Professor
Since 2009	Industrial Engineering and Management Department, SCE - Shamon College of Engineering	Senior Lecturer

2002-2009	Industrial Engineering and Management Department, SCE - Shamoon College of Engineering	Lecturer
Since 2005	Management and Economics Department, the Open University of Israel	Lecturer
1998-2002	Industrial Engineering and Management, Ben-Gurion University of the Negev	Teacher

4. Office in Academic Administration

Dates	Position	Name of Institute and Department
Since 2015	Head of the M.Sc. Program.	Industrial Engineering and Management Department, SCE.
2015-2017	Dean	Industrial Engineering and Management Department, SCE.
Since 2011	Head of the Industrial System Track and the Managements System Track.	Industrial Engineering and Management Department, SCE.
Since 2010	Member in the Department Committees (Teaching Committee and Academic Contents Committee)	Industrial Engineering and Management Department, SCE.

5. Scholarly Positions and Activities outside the Institution

5.1 Membership in Professional Associations/Committee

Dates	Position	Organization
Since 2009	Member of the Management of the Industrial Engineering Association.	Association of Engineers, Architects and Graduates in Technological Sciences in Israel.
Since 2011	Member of the Risk Management Committee.	The Standards Institution of Israel.

5.2 Manuscripts Reviewer in Scientific Journals

Dates	Journals	Impact factor (2013)
Since 2005	International Journal of Production Research.	1.323
Since 2008	European Journal of Operational Research.	2.636
Since 2009	Applied Mathematical Modelling.	2.158
Since 2009	Omega, the International Journal of Management Science.	3.626
Since 2010	Annals of Operations Research.	1.103
Since 2010	International Journal of Inventory Research (IJIR).	-
Since 2012	International Journal of Productivity and Performance Management.	Q2 (SJR)
Since 2014	International Journal of Production Economics.	2.540
Since 2014	International Journal of Project Management.	1.758
Since 2014	Journal of Manufacturing Systems.	1.847

5.3 Referee of Thesis

Dates	Student	Institute
2017	Maayan Eyal, the thesis submitted toward the degree of Master of Science in Industrial Engineering under the supervision of Prof. Tal Oron-Gilad and Dr. Israel Tirkel.	Ben-Gurion University of the Negev
2016	Shalhevet Azran, the thesis submitted toward the degree of Master of Science in Industrial Engineering under the supervision of Dr. Israel Tirkel.	Ben-Gurion University of the Negev

2012	Schwartz Gilad, the thesis submitted toward the degree of Master of Science in Industrial Engineering under the supervision of Prof. Gerchak, Y.	Tel-Aviv University
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6. Participation in Scholarly Conferences

Date	Place	Subject of Lecture and Conference Details
2019	Dublin, Ireland	Keren, B. , Hadad, Y & Naveh, G, 'Assigning the Right Weights in Student Evaluation of Teaching via AHP - A Case Study'. The 30th EURO Conference on Operational Research, Dublin, Ireland, 23-26, June 2019. (Online)
2019	Dublin, Ireland	Hadad, Y, Keren, B. , & Minchuk, Y, 'Using Monitoring Efforts to Reduce Sabotaging in Contests'. The 30th EURO Conference on Operational Research, Dublin, Ireland, 23-26, June 2019. (Online)
2019	Burgas, Bulgaria	Gurevich, G, Keren, B. & Laslo, Z. 2019. 'Economic scheduling model for mechanical-manual manufacturing of seasonal product under uncertain supply time and quantity of the raw materials', the 7th International Scientific Congress on Agricultural Machinery, Burgas, Bulgaria, 26-29, June 2019. (Online)
2018	Spain, Valencia	Hadad, Y., Keren, B. & Minchuk, Y. 'The contest approach for funding research in academic units'. The 29th EURO Conference on Operational Research, Valencia, Spain, 8-11, July, 2018.
2018	Spain, Valencia	Keren, B. & Hadad, Y. 'Optimizing the parking price of a car park by queueing models'. The 29th EURO Conference on Operational Research, Valencia, Spain, 8-11, July, 2018.
2018	Beer-Sheva, Israel	Keren, B. & Hadad, Y. 'Setting the Right Parking Price via Queueing Model'. The 14th International Conference on Industrial Logistics (ICIL), 15-17 May, 2018.
2017	Slovenia, Bled	Keren, B. & Hadad, Y. 'Setting the Optimal Parking Price Using Queueing Models', The 14th International Symposium on Operational Research, SOR'17, Slovenia, Bled, September 27-29, 2017.
2017	Slovenia, Bled	Gurevich, G., Hadad, Y. & Keren, B. , 'Forecasting Accuracy and Change Point Detection', The 14th International Symposium on Operational Research, SOR'17, Slovenia, Bled, September 27-29, 2017.

2017	Norwich, UK	Minchuk, Y. Keren, B & Haddad, Y, 'Sabotaging in contests with monitoring efforts'. Contests: Theory and Evidence. (Online)
2017	Ramat Gan, Israel	Minchuk, Y, Keren, B & Haddad, Y, 'Sabotaging in contests with monitoring efforts'. ORSIS 2017.
2016	Poznań, Poland	Keren, B , Hadad, Y & Friedman, L, 'Allocating the optimum number of similar machines to operators'. The 28th EURO Conference on Operational Research, Poznan University of Technology, 3-6, July, 2016.
2016	Poznań, Poland	Gurevich, G, Keren, B , Laslo, Z & Hadad, Y, 'Optimal Overlapping Strategies for Projects with Interdependent Activities'. The 28th EURO Conference on Operational Research, Poznan University of Technology, 3-6, July, 2016.
2016	Beer-Sheva, Israel	Keren, B & Hadad, Y 2016, 'ABC Inventory Classification Using AHP and Ranking Methods via DEA'. The International Symposium on Stochastic models in reliability engineering life sciences and operations management (SMRLO'16), Beer-Sheva, Israel, 15-18 February.
2016	Beer-Sheva, Israel	Gurevich, G, Keren, B & Hadad, Y 2016, 'Distribution-free Models for Machine Interference Problems'. The International Symposium on Stochastic models in reliability engineering life sciences and operations management (SMRLO'16), Beer-Sheva, Israel, 15-18 February.
2015	Varna, Bulgaria	Gurevich, G, Hadad, Y & Keren, B 2015, 'A multinomial approach to the machine interference problem'. The 12th International Congress: Machines, Technologies, Materials (MTM2015), Varna, Bulgaria, 16-19 September.
2015	Constanta, Romania	Keren, B , Hadad, Y & Laslo, Z 2015, Multi-criteria ABC inventory classification using ranking method'. The 12th Balkan Conference on Operational Research (BALCOR 2015), Constanta, Romania, 09-13 September.
2015	Constanta, Romania	Gurevich, G, Keren, B & Hadad, Y 2015, 'The robust binomial approach to the machine interference problem with different groups of identical machines and preemptive priority'. The 12th Balkan Conference on Operational Research (BALCOR 2015), Constanta, Romania, 09-13 September.
2015	Tel Aviv	Gurevich, G, Laslo, Z, Keren, B & Hadad, Y 2015, 'The optimal timing for renting a blueberry harvester'. The 19th Industrial Engineering and

		Management Conference (IE&M 2015), Tel Aviv, Israel, 24 February.
2014	Zlatibor, Serbia	Hadad, Y, Keren, B & Laslo, Z 2014, 'Applications of ranking indexes of project activities for project management tasks'. The XIV International Symposium (SYMORG2014), Zlatibor, Serbia.
2014	Zlatibor, Serbia	Keren, B , Hadad, Y & Laslo, Z 2014, 'How to select the best project manager?'. The XIV International Symposium (SYMORG2014), Zlatibor, Serbia.
2014	Tel Aviv	Hadad, Y & Keren, B 2014, 'An economic partition of a given number of machines among operators'. The Israeli Operations Research Society (ORSIS) - 2014 Conference, Tel Aviv, Israel, April 22-23.
2011	Tel Aviv	Hadad, Y & Keren, B 2014, 'The binomial model for assigning operators to a given number of identical machines', the 18th Industrial Engineering and Management Conference (IE&M 2014), Tel Aviv, Israel, 25-26 March.
2014	Tel Aviv	Cohen, Y, Ornoy, H & Keren, B 2014, 'MBTI Profiles of Project Managers and Project Success: A Survey', the 18th Industrial Engineering and Management Conference (IE&M 2014), Tel Aviv, Israel, 25-26 March.
2014	Tel Aviv	Gurevich, G, Hadad, Y & Keren, B 2014, 'An extension of the multinomial model for the machine interference problem and evaluation of the exact steady state waiting time distribution for different queue disciplines', the 18th Industrial Engineering and Management Conference (IE&M 2014), Tel Aviv, Israel, 25-26 March.
2013	Rome, Italy	Keren, B , Laslo, Z & Hadad, Y 2013. A decision-making support tool for project manager selection. The 26th European Conference on Operational Research (EURO 2013), Rome, Italy, 1-4 July.
2013	Rome, Italy	Hadad, Y, Gurevich, G, Keren, B & Friedman, L 2013. Determining optimal number of operators for the machine interference problem with several service types. The 26th European Conference on Operational Research (EURO 2013), Rome, Italy, 1-4 July.
2013	Jerusalem	Keren, B , Hadad, Y & Laslo, Z 2013. A non-parametric test for analyzing and ranking candidates for project management. The 6th National Industrial Engineering and Management Research Meeting, Maale Hachamisha, Jerusalem, Israel, 17-18 March.

2013	Jerusalem	Gurevich, G, Hadad, Y & Keren, B 2013. A multinomial pattern for the machine interference problem with several services and operators. The 6th National Industrial Engineering and Management Research Meeting, Maale Hachamisha, Jerusalem, Israel, 17-18 March.
2012	Vilnius, Lithuania	Hadad, Y, Keren, B & Friedman, L 2012. Prioritizing project activates via DEA methodology. The 25th European Conference on Operational Research (EURO 2012), Vilnius, Lithuania, 8-11 July.
2012	Vilnius, Lithuania	Keren, B , Pliskin, J & Hadad, Y 2012. Optimal timing of joint replacement using mathematical programming and stochastic programming models. The 25th European Conference on Operational Research (EURO 2012), Vilnius, Lithuania, 8-11 July.
2012	Tel Aviv	Keren, B & Pliskin JP 2012. Optimal timing of joint replacement using mathematical programming and stochastic programming models. The 17th Industrial Engineering and Management Conference (IE&M 2012), Tel-Aviv, 27-28 March.
2011	Thessaloniki, Greece	Hadad, Y & Keren B 2011. Combined Methods for Ranking DMUs via Performance Evaluation and Improvement Trend. 9th International Conference on Data Envelopment Analysis, Thessaloniki, 24-27 August.
2011	Thessaloniki, Greece	Keren B & Hadad Y 2011. ABC Inventory Classification via DEA Ranking Methods and Linear Discriminant Analysis. 9th International Conference on Data Envelopment Analysis, Thessaloniki, 24-27 August.
2010	Lisbon, Portugal	Hadad, Y, Keren, B & Friedman, L 2010. A DEA incentive plan for branch managers. The 24th European Conference on Operational Research - EURO XXIV, Lisbon, 11-14 July.
2010	Lisbon, Portugal	Laslo, Z, Gurevich, G & Keren, B 2010. Operating overall production under chance constraints. The 24th European Conference on Operational Research - EURO XXIV, Lisbon, 11-14 July.
2010	Tel Aviv	Hadad, Y, Keren, B & Barkai O 2010. Incentive payments for branch managers. The 16th Industrial Engineering and Management Conference (IE&M 2010), Tel Aviv, Israel, 23-24 March.
2009	Bonn, Germany	Keren, B , Cohen, Y & Hadad, Y 2009. Trade-off optimization in project management: Time, budget, and quality. The 23rd European

		Conference on Operational Research (EURO XXIII), Bonn, Germany, 5-8 July.
2009	Bonn, Germany	Gurevich, G, Keren, B , Cohen, Y & Hadad, Y 2009. Optimal bundling for single-period inventory problem. The 23rd European Conference on Operational Research (EURO XXIII), Bonn, Germany, 5-8 July.
2007	Prague, Czech Republic	Keren, B 2007. The single-period inventory problem: Extension to random yield with perspective to the supply chain. The 22nd European Conference on Operational Research, Prague, Czech Republic, 8-11 July.
2007	Prague, Czech Republic	Gurevich, G, Laslo, Z & Keren, B 2007. An analytic solution of a production distribution problem with stochastic parameters. The 22nd European Conference on Operational Research, Prague, Czech Republic, 8-11 July.
2004	Rhodes, Greece	Laslo, Z & Keren, B 2004. Shortening project completion time with the execution-windows method. The 20th European Conference on Operational Research (EURO XX), Rhodes, Greece.
2004	Rhodes, Greece	Keren, B , Laslo, Z & Ilani, H 2004. Planning the most-parallel processing of directed acyclic graphs. The 20th European Conference on Operational Research (EURO XX), Rhodes, Greece.

7. Colloquium Talks

Dates	Place of Lecture	Forum	Presentation
2013	Ben Gurion University	Department Seminar	Optimal timing of joint replacement using mathematical programming and stochastic programming models
2002	Ben Gurion University	Department Seminar	Chance Constrained Decision Analysis

8. Teaching

8.1 Courses Taught in the Recent Years

Year	Name of Course	Degree	Institute
Since 2017	Project Management	B.Sc.	SCE
Since 2014	Logistics and Supply Chain Management	M.Sc.	SCE

Since 2014	Seminar for Graduate Students 1&2	M.Sc.	SCE
Since 2003	Total Quality	B.Sc.	SCE
Since 2003	Introduction to Operations Management	B.Sc.	SCE
Since 2003	Instruction of Final (degree) Projects	B.Sc.	SCE
Since 2005	Project Management for MBA	MBA	OPENU
2006-2007	Principles of Probability	B.Sc.	SCE
2005-2008	Business Entrepreneurship	B.Sc.	SCE
2003-2007	Decision-Making	B.Sc.	SCE
2003-2007	Systems Analyses	B.Sc.	SCE

8.1 Supervision of Graduate Students

Dates	Student	Title	Degree	Institute
2015	Asaf Sadovsky	Improving the Train Transportation Process in ICL Group.	M.Sc.	SCE
2015	Shlomi Yehuda	Improving the Energy Processes in Dead Sea Magnesium.	M.Sc.	SCE
2017	Galit Menahem	Mechanization of product management and transportation in "Elta"	M.Sc.	SCE
2018	Sharon Zur	Improving the process of assembling the armament at the Ramon base	M.Sc.	SCE
2018	Ohad Gabay	Implementation of a risk management methodology in construction projects	M.Sc.	SCE
2019	Adir Hadad	Storage and maintenance of systems in the IDF	M.Sc.	SCE
2019	Chen Swissa	Supplier assessment services "Minet Technologies"	M.Sc.	SCE

9. Professional and Industrial Experience

Dates	Position	Organization
1998-2002	Internal Auditor	Dead Sea Periclase
1994-1997	Senior Economist	Israel Chemicals
1991-1994	Internal Auditor	Dead Sea Periclase
1986-1990	Computers and System Manager	Dead Sea Periclase
1984-1986	Industrial Engineer	Dead Sea Periclase

Publications

1. Ph.D. Dissertation

Date	Dissertation Title	Advisors	Institute
2003	Models for Decision Analysis under Risk (161 pages, in Hebrew).	Prof. Mehrez, A & Prof. Pliskin, J.	Ben-Gurion University of the Negev.

2. Authored Books

2.1 Books

Shtub, A, Cohen Y & **Keren B** 2008. Project management for industrial engineers – A study guide. vol. I and vol. II, Open University Books, (680 pages, in Hebrew).

2.1 Chapters in Scientific Books

Keren, B, Hadad, Y. & Minchuk Y. (2019). Funding research in higher education institutions - the game theory approach. In Sinuany-Stern, Z. (Ed.), Handbook of Operations Research and Management Science in Higher Education. Springer (accepted).

3. Scientific Editing of Books

Mehrez A 2013. Decision Making – A Multi perspective Approach, The Open University of Israel, Raanana, Israel. (644 pages, in Hebrew).

Hadad Y 2011. Work Study: Engineering Methods and Performance Assessment, The Open University of Israel, Raanana, Israel. (1829 pages, in Hebrew).

4. Articles in Refereed Journals

The impact factors (I.F.) of the Journals are from Thomson JCR.

The Quartile ranks (Q1,...,Q4) are from SCImago Journal & Country Rank (SJR).

4.1 Published

1.	Keren, B & Hadad, Y 2021, Using queuing models to set the right parking price, International Journal of Process Management and Benchmarking, Vol. 11, No. 2, pp. 271-289.
2.	Gurevich, G, Keren, B & Laslo, Z 2021, 'Activity couple with interdependent durations: Serial, parallel or partly overlapping scheduling?', Int. J. of Mathematics in Operational Research, Vol. 18, No. 1, pp. 45-70. (online)
3.	Hadad, Y, Keren, B & Naveh, G 2020 'The relative importance of teaching evaluation criteria from the points of view of students and faculty', Assessment Evaluation in Higher Education, Vol. 45, No. 3, pp. 447-459. DOI: 10.1080/02602938.2019.1665623 (online)
4.	Gurevich, G, Keren, B & Laslo, Z 2019, 'Economic scheduling model for mechanical-manual manufacturing of seasonal product under uncertain supply time and quantity of the raw materials', Mechanization in Agriculture and Conserving of the Resources, Vol. 65, No. 2, pp. 55-58. (online)
5.	Gurevich, G, Keren, B & Laslo, Z, 2019. A newsvendor-like model for harvesting operational decisions, Computers & Industrial Engineering, Vol. 135, No. 1, pp. 132-142. (Online)
6.	Minchuk, Y. Keren, B & Hadad, (2018) Y. Return on Investment in Contest, Economics Bulletin, Vol. 38, No. 4 p.A191. (Online)
7.	Minchuk, Y. Keren, B & Haddad, Y, 2018, Sabotaging in contests with monitoring efforts, Managerial and Decision Economics, forthcoming. (Online)

8.	Laslo-Roth, R, Hadad, Y, Keren, B & Laslo, Z, 2017, Engagement of portfolio manager in assessing relative priority of project activities: Authority or perspective matter?, Simulation: Transactions of the Society for Modeling and Simulation International, DOI: 10.1177/0037549717744023. (Online)
9.	Keren, B , Gurevich, G & Hadad, Y, 2017. Machines interference problem with several operators and several service types that have different priority. International Journal of Operational Research, Vol. 30, No. 3, pp. 289-320. (Online)
10.	Hadad, Y, Keren, B & Gurevich, G, 2017. Improving demand forecasting using change point analysis, International Journal of Business Forecasting and Marketing Intelligence, Vol. 3, No. 2, pp. 130-151. (Online)
11.	Gurevich, G, Keren, B & Laslo, Z 2016, 'The problem of overlapping project activities with interdependency', Science, Business, Society, Vol. 1, No. 6, pp. 18-21. (Online)
12.	Gurevich, G, Hadad, Y & Keren, B , 2016. Calculation of the steady state waiting time distribution in the context of the machine interference problem. International Journal of Operational Research, Vol. 26, No. 4, pp. 443-459. (Online).
13.	Hadad, Y, Keren, B & Laslo, Z 2016, 'Multi-criteria methods for ranking project activities'. Yugoslav Journal of Operations Research, Vol. 26, No.2, pp. 201-219. (Online).
14.	Hadad, Y & Keren, B . 2016. A revised method for allocating the optimum number of similar machines to operators, International Journal of Productivity and Performance Management, Vol. 65, No. 2, pp. 223 – 244. (Online)
15.	Gurevich G, Hadad Y, Keren B . 2016, A multinomial approach to the machine interference problem, Machines Technologies, Materials, Vol. 10, No. 1, pp. 3-6. (online)
16.	Keren, B , Hadad, Y & Laslo Z. 2015, Multi-criteria ABC inventory classification using ranking methods, Scientific Bulletin of Naval Academy, Vol. 18, No.2, pp. 303-306. (Online)
17.	Gurevich, G, Hadad, Y & Keren, B , 2015, An extension of the Binomial model for the machine interference problem, Scientific Bulletin of Naval Academy, Vol. 18, No.2, pp. 269-272. (Online)
18.	Gurevich, G, Keren, B & Hadad, Y, 2015. The economic number of operators for the machine interference problem with heterogeneous machines and

	preemptive priority, International Journal of Logistics Systems and Management, Vol. 22, No. 3, 376-398. (Online).
19.	Hadad, Y, Keren, B & Hanani, MZ, 2015. Combining Data Envelopment Analysis and Malmquist Index for evaluating police station efficiency and effectiveness. Police Practice and Research, Vol. 16, No. 1, pp. 5-21. (Online) (Q2)
20.	Gurevich, G, Cohen, Y & Keren, B , 2014. Optimizing Bundling Policy of Single-Period Products: Perspective of Producers and Retailers. International Journal of Operations Research and Information Systems, Vol. 5, No. 5, pp. 1-26. (Online)
21.	Keren, B , Hadad, Y & Laslo, Z 2014. Combining AHP and DEA methods for selecting a project manager, Management Journal for Theory and Practice Management, Vol. 71, pp. 17-28. (Online)
22.	Hadad, Y, Keren, B & Hanani, MZ, 2014. The number of measurements to be performed for time study analysis. European Journal of Industrial Engineering, Vol. 8, No. 2, pp. 222-243. (Online) (Q1, I.F. 1.50)
23.	Hadad, Y & Keren, B , 2013. Decision support model for ranking project network activities based on multiple criteria of precedence, duration, and cost. International Journal of Engineering Management and Economics, Vol. 4, No. 1, pp. 1-17. (Online)
24.	Hadad, Y, Keren, B & Hanani, MZ, 2013. Hybrid methods for ranking DMUs that combine performance and improvement trend over successive periods. International Journal of Logistics Systems and Management, Vol. 16, No. 3, pp. 269-287. (Online) (Q3)
25.	Hadad, Y, Keren, B & Gurevich, G, 2013. A multinomial model for the machine interference problem with different service types and multiple operators. Computers & Industrial Engineering, Vol. 66, No. 2, pp. 264-273. (Online) (Q1, I.F. 1.69)
26.	Cohen, Y, Ornoy, H & Keren, B , 2013. MBTI Personality Types of Project Managers and their Success: A Field Survey. Project Management Journal, Vol. 44, No. 3, pp. 78–87. (Online) (Q2, Cited by 5)
27.	Hadad, Y, Keren, B & Laslo, Z, 2013. A decision-making support system module for project manager selection according to past performance.

	International Journal of Project Management, Vol. 31, No. 4, pp. 532–541. (Online) (Q1, I.F. 1.758, Cited by 12)
28.	Hadad, Y & Keren, B , 2013. ABC inventory classification via Linear Discriminant Analysis and ranking methods. International Journal of Logistics Systems and Management, Vol. 14, No 4, pp. 387-404. (Online) (Q2)
29.	Laslo, Z, Gurevich, G & Keren, B , 2012. Operating global production with heterogeneous plants under uncertain demands and rigid chance constrained deliveries. Journal of Statistics & Management Systems, Vol. 15, No. 4/5, pp. 519-542. (Online)
30.	Keren, B & Cohen, Y 2012. Optimising Project Performance: The Triangular Trade-off Optimisation Approach. International Journal of Engineering Management and Economics, Vol. 3, No. 1/2, pp. 152-170. (Online)
31.	Keren, B & Pliskin, JS 2011. Optimal timing of joint replacement using mathematical programming and stochastic programming models. Health Care Management Science, Vol. 14, no. 4, pp. 361-369. (Online) (Q1, I.F. 0.871)
32.	Hadad, Y, Keren, B & Barkai, O, 2011. A wage incentive plan for branch managers using the DEA methodology. International Journal of Productivity and Performance Management, Vol. 60, No. 4, pp. 326-338. (Online) (Q2)
33.	Hadad, Y, Keren, B and Ben-Yair, A, 2011. Measuring the efficiency of cities in Israel by Data Envelopment Analysis and ranking methods. Communications in Dependability and Quality Management, Vol. 14, No. 1, pp. 5-15. (Online)
34.	Hadad, Y, Keren, B & Ben-Yair, A, 2010. Productivity assessment and improvement measurement of Decision Making Units - An application for ranking cities in Israel. Journal of Applied Quantitative Methods, Vol. 5, No. 3, pp. 421-435. (Online)
35.	Laslo, Z, Gurevich, G & Keren, B , 2010. Production planning under uncertain demands and yields. Journal of Applied Quantitative Methods, Vol. 5, No 3, pp. 413-420. (Online)
36.	Laslo, Z, Ilani H & Keren, B , 2009. A lower bound for project completion time attained by detailing project tasks and redistributing workloads. Journal of Applied Quantitative Methods, Vol. 4, No 3, pp. 344-358. (Online)

37.	Laslo, Z, Gurevich, G & Keren, B , 2009. Economic distribution of budget among producers for fulfilling orders under delivery chance constraints. International Journal of Production Economics, Vol. 122, No. 2, pp. 656-662. (Online) (Q1, I.F. 2.54)
38.	Cohen, Y & Keren, B , 2009. Trailer to door assignment in a synchronous cross-dock operation. International Journal of Logistics Systems and Management, Vol. 5, No. 5, pp. 574-590. (Online) (Q3, Cited by 22)
39.	Keren, B , 2009. The single-period inventory problem: Extension to random yield from the perspective of the supply chain. Omega, Vol. 37, No. 4, pp. 801-810. (Online) (Q1, I.F. 3.19, Cited by 78)
40.	Laslo, Z, Golenko-Ginzburg, D & Keren, B , 2008. Optimal booking of machines in a virtual job-shop with stochastic processing times to minimize total machine rental and job tardiness. International Journal of Production Economics, Vol. 111, No. 2, pp. 812-821. (Online) (Q1, I.F. 2.54)
41.	Laslo, Z, Keren, B & Ilani, H, 2008. Minimizing task completion time with the execution-set method. European Journal of Operational Research, Vol. 187, No. 3, pp. 1513-9. (Online) (Q1, I.F. 1.843)
42.	Keren, B & Pliskin, JS 2006. A benchmark solution for the risk-averse newsvendor problem. European Journal of Operational Research, Vol. 174, No. 3, pp. 1643-1650. (Online) (Q1, I.F. 1.843, Cited by 83)
43.	Keren, B & Mehrez, A, 2001. A hazard function approximation used in reliability theory. IEEE Transactions on Reliability, Vol. 50, No. 4, pp. 358-359. (Online) (Q2, I.F. 1.657)
44.	Sinuany-Stern, Z, Golenko-Ginzburg, D & Keren, B , 1993. On-line production control using the EVPI approach. European Journal of Operations Research, Vol. 67, pp. 344-357. (Online) (Q1, I.F. 1.843)

4.2 Accepted for Publication

1.	
2.	

5. Articles in Conference Proceedings

5.1 Published

1.	Gurevich, G, Keren, B & Laslo, Z 2019, 'Economic scheduling model for mechanical-manual manufacturing of seasonal product under uncertain supply time and quantity of the raw materials', in Proceedings of the 7th International Scientific Congress: Agricultural Machinery 2019, Eds. Hristo Beloev, Burgas, Bulgaria, vol. 2, pp. 62-65. (Online).
2.	Keren, B. & Hadad, Y. 2017. 'Setting the Optimal Parking Price Using Queuing Models', in the Proceedings of the 14th International Symposium on Operational Research, SOR'17, pp. 109-113, Slovenia, Bled, September 27-29, 2017. (Online).
3.	Gurevich, G., Hadad, Y. & Keren, B. , 'Forecasting Accuracy and Change Point Detection', in the Proceedings of the 14th International Symposium on Operational Research, SOR'17, pp. 314-319, Slovenia, Bled, September 27-29, 2017. (Online).
4.	Gurevich, G, Keren, B & Laslo, Z 2016, 'The problem of overlapping project activities with interdependency', in Proceedings of the 13th International Congress: Machines, Technologies, Materials (MTM2016), Eds. Popov, G & Dikova, T, Varna, Bulgaria, vol. 4, pp. 40-43. (Online)
5.	Keren, B. & Hadad, Y. 2016. 'ABC Inventory Classification Using AHP and Ranking Methods via DEA', Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management (SMRLO), Beer Sheva, Israel, 2016, pp. 495-501. (Online) doi: 10.1109/SMRLO.2016.87
6.	Gurevich, G., Keren, B. & Hadad, Y. 2016. 'Distribution-Free Models for Machine Interference Problems', Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management (SMRLO), Beer Sheva, Israel, 2016, pp. 624-629. (Online) doi: 10.1109/SMRLO.2016.110
7.	Gurevich, G, Keren, B & Hadad, Y 2015, 'The robust binomial approach to the machine interference problem with different groups of identical machines and preemptive priority' in Proceedings of the 13th International Symposium on Operational Research (SOR'15), Eds. Zadnik Stirn, L, žerovni, J, Kljajić Borštnar, M & Drobne, S, Bled, Slovenia, pp. 351-356.
8.	Hadad, Y, Keren, B & Laslo, Z 2014, 'Applications of ranking indexes of project activities for project management tasks', in Proceeding of the XIV International Symposium (SYMORG2014, Zlatibor, Serbia), Eds. Marković, A & Jaško, O, pp. 1422-1428.
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6. Summary of my Activities and Future Plans

In summary I would say that I have unique scientific contributions in several areas. In the field of optimization of production and operation systems, I developed several advanced models based on "Newsvendor model" and I expanded them to the cases of complex supply chains. On this topic I mention the article entitled "The single-period inventory problem: extension to random yield from the perspective of the supply chain", that was published in leading journal (Omega) in 2009. This article has so far 101 citations. In other article in the same field I added the risk factor to the preferences of the partners in the supply chain and I developed a model that could be used as a benchmark to other models based on Newsvendor model. This article 'A benchmark solution for the risk-averse newsvendor problem', published in 2006 in the journal European Journal of Operational Research has so far 98 citations. I was involved in a scientific breakthrough in the applying of operations research models for a real medical decision making problem. I published a paper (with Prof. Pliskin) in 2011 entitled 'Optimal timing of joint replacement using mathematical programming and stochastic

programming models'. This was one of the first articles that applied operations research model for particular medical decision making problem. This model can be used as a decision support tool for physicians and patients.

My current and future research plans are to develop new models and tools that would allow researchers and practitioners to analyze and to solve practical problems in various areas (production and operation management, project management, quality management and decision making under risk and uncertainty).