

CURRICULUM VITA

Dr. Hussein Naseraldin, Senior Lecturer

August, 2023

Work address: Braude College of Engineering
Department of Industrial Engineering and Management
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Tel.: 972-4-8395582

Date of Birth: November 16, 1969

Place of Birth: Haifa, Israel

Marital Status: Married +2

ACADEMIC EDUCATION

Ph.D., 2002-2006, Industrial Engineering

The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel

Dissertation: “Supply Chain Design on a Line with Lateral Transshipments”

Supervisor: Associate Prof. Yale T. Herer

M.Sc., 1999-2002, Industrial Engineering, *Cum Laude*

The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel

Thesis: “Integrated Planning of Product Design, Assembly Process, and Supply Chain”

Supervisors: Prof. Boaz Golany and Prof. Eyal Zussman (Mechanical Engineering)

B.Sc., 1987-1992, Industrial Engineering and Management, *Cum Laude*

The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel

ACADEMIC EMPLOYMENT

2015-**Present** Senior Lecturer, Department of Industrial Engineering and Management, Braude College of Engineering, Karmiel, Israel

2009-2015 Lecturer, Department of Industrial Engineering and Management, Braude College of Engineering, Karmiel, Israel

- 2013-**Present** M.Sc. Final Project Adviser, Department of Industrial Engineering and Management, Braude College of Engineering, Karmiel, Israel
- 2019-**Present** Senior Adjunct lecturer, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel
- 2008-2019 Adjunct lecturer, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel
- 2009-**Present** Internship and final project supervisor, Department of Industrial Engineering and Management, Braude College of Engineering, Karmiel, Israel
- 2008-**Present** M.Sc. Thesis Co-Adviser, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel
- 2013-**Present** M.E. Final Project Adviser, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel
- 2013-**Present** B.Sc. Final Project Supervisor, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology, Haifa, Israel
- 2008-2009 Post-doctoral fellow, Department of Statistics, University of Haifa, Haifa, Israel
- 2007-2008 Post-doctoral fellow, Rotman School of Management, University of Toronto, Ontario, Canada
- 2006-2007 Post-doctoral fellow, Haskayne School of Business, University of Calgary, Alberta, Canada

ACADEMIC AND ADMINISTRATIVE ACTIVITIES

Braude College of Engineering

- 2015-**Present** Master of Science Program in Industrial Engineering and Management, Head
- 2011-2015 Master of Science Program in Industrial Engineering and Management, Acting Head
- 2019-**present** Engineering Education Steering Committee, The Center for Engineering Education and Entrepreneurship, Member
- 2019-**present** Braude Academy-Industry Conference Steering Committee, Member

INDUSTRIAL EXPERIENCE

- 1998 – 1999 Quality Assurance Manager, Delta Textiles Ltd., Karmiel, Israel
- 1995 – 1998 Customer Coordinator, Delta Textiles Ltd., Karmiel, Israel
- 1992 – 1995 Quality Control Manager, Delta Sporting Ltd., Karmiel, Israel

TEACHING EXPERIENCE

Braude College of Engineering

Undergraduate Courses: Production Systems ♦ Planning and Operating the Supply Process in the Organization ♦ Cases in Industrial Engineering ♦ Inter-Disciplinary Aspects in Technological Innovation (cross-institute) ♦ Design and Operation of the Supply Chain (B.Sc. in Mechanical Engineering)

Graduate Courses: Supply Chain Management (M.Sc. in Industrial Engineering and Management) ♦ Final Project (M.Sc.) ♦ Supply Chain Operation and Management (M.Sc. in Bio-Technology)

Technion – The Faculty of Data and Decision Sciences, Israel Institute of Technology

Undergraduate Course: Cases in Industrial Engineering

GRADUATE SUPERVISION

Department of Industrial Engineering and Management, Braude College of Engineering

M.Sc. (Non-Thesis) Final Project Supervision

- "In-House Lead-Time Improvement at Kennametal Shlomi plant" (with Igal Malin, 2023)
- "Optimization of Planning Operations in the Outbound Shipping Department Integrating Business and Cultural Risks" (with Tal Sverdlov, 2023)
- "Efficient-Frontier Based Model for Energy Storage Technology Selection at Israel Electricity Company" (with Adva Lofton, 2022)
- "Integrated design between the assembly department and the machining department including service levels" (with Tal Amsalem, 2021)
- "Integrated production planning and lot sizing in the environment of multiple products" (with Evelina Lvovich, 2021)
- "Optimizing the Protein Yield at Tnuva Dairy Production Line" (with Yossi Bederman, 2019)
- "Improving Operational Performance Measures in Transition of a new product from Development to Production for industrial coatings at Tambour" (with Moti Adler, 2019)
- "Enhancing Rafael's Competitiveness by shortening Products' Lead Time via Options" (with Udi Benet, 2019)
- "Improving Planning Method at the Manufacturing and Packaging Department at Tnuva" (with Avi Yehoshua, 2019)
- "Procurement Allocation Policy in Outsourcing under Commercial and Operational Constraints" (with Tsach Gafni, 2015)
- "Efficient Scheduling of Work Orders in a Sequence-Dependent Setup Environment at J. Kahan Food" (with Yosi Gil, 2013)
- "Optimal Offset Allocation in RAFAEL" (with Moshe Gertsman, 2013)

The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology

M.Sc. Thesis Co-Supervision

- "A Robust approach to the Integrated Inventory Replenishment, Lateral Transshipments, and Routing in a Single-Commodity Supply Chain" (with Shiry Varem and Prof. Aharon Bental, 2017)
- "The Due-Date Assignment Problem in Scheduling: A Robust Optimization Approach" (with Chen Bukay and Assistant Prof. Liron Yedidsion, 2014)
- "Managing Operations in a Smart-Grid Environment" (with Yevgenia Mikhaylidi and Assistant Prof. Liron Yedidsion, 2017)
- "An EOQ Type Model with a Probabilistic One-Time Unit-Price Discount" (with Yaron Shaposhnik and Associate Prof. Yale T. Herer, 2010)

M.E. Final Project Supervision

- "Inventory Management in a 3D Printing Environment " (with Tali Feldman, 2017)
- "Innovative Forecasting Models for Spare Parts in a Multi-Level System with Multiple Demand Points" (with Yehonatan Naamaty, 2017)
- "Performance Streamlining in in Wet Etch Department at TowerJaz Semiconductors, FAB2" (with Roman Saharov, 2016)
- "Energy-Aware Scheduling and Planning in a Beverage Plant" (with Ohad Dayan, 2016)
- "Robust Allocation of Developmental Assignments in a Job-Shop Environment" (with Dudu Barkan, 2015)
- "Taxonomic Review of Industrial Internet-of-Things (IIoT)" (with Omer Berger, 2015)
- "The Due-Date Assignment Problem in Scheduling" (with Olga Volfson, 2013)

UNDERGRADUATE SUPERVISION

Department of Industrial Engineering and Management, Braude College of Engineering

B.Sc. Final Project & Internship Supervision

- Supervising undergraduate final projects and internships in industry

The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology

B.Sc. Final Project Supervision

- Supervising undergraduate final projects in industry
 - Note: an annual competition is held at the Technion, and the best three projects are selected. Certificates and prizes are granted
- The titles, the names of the group members, and their rank in the competition are listed (if relevant):

- "Maintenance Optimization in SMT Lines at Flex" (with Suma Shamshom, Hanin Mourani, Lozian Tourk, Yusif Silbak, 2022) *2nd place*, Faculty Project Competition
- "Layout and Material Flow Improvement at Soldering Department at Flex" (with Adi Aharon, Viktor Lipen, Tamir Hayat, 2022)
- "Downtime Minimization in the SMT at Flex" (with Shiraz Almagor, Yara Ganem, Gal Weitzman, Sharon Segal, Gil Ronen, 2022)
- "Design and Planning of Material Handling and Storage of Tires at Aliance Company (with Yefim Feldman, Deema Badran, Natalie Wizotsky, Anna Jochenko, 2020), *1st place*, Faculty Project Competition
- Facility Location and Methods Improvement (with Naomi Levi, Roei Vizer, Sefi Zerfati, Shani Kizelshtein, 2014), *finalist*, Faculty Project Competition
- Production Planning (with Kobi Ben-Aroya, Noa Ben-Zvi, Shani Zinger, Shuki Jacobian, 2013), *1st place*, Faculty Project Competition
- Scheduling Operations in semi-Conductors (with Ehud Vachterman, Moshe Harel, Amit Har-Tal, Lior Ruth, 2012), *2nd place*, Faculty Project Competition
- Scheduling Berth Operations (with Keren Shlalshvili, Ina Shneider, Maya Cohen, Revital Michaeli, 2011), *3rd place*, Faculty Project Competition
- Inventory management in Beverage Industry (with Hadas Gur, Rotem Jobani, Orit Shriki, Liran Yeger, 2010), *3rd place*, Faculty Project Competition
- Lean Production in a Water-related company (with Hila Bar-Or, Dan Shemesh, Sagi Cohen, Dana Pomerantz, 2009), *2nd place*, Faculty Project Competition

MENTORING & COACHING

Braude College of Engineering

2019- Present Developer&Facilitator of the "Faculty as Mentors" course (with colleagues).

This course hinges on the vision of faculty being mentors. During the course, faculty participating in the course develop skills and abilities of adding more values to students and nurturing their sense of being mentors.

2017- Present Teaching Supporter, "TOMECH HORA AH" (Teaching Mentor) Program

This program is about supporting colleagues by providing them with feedback on their teaching, course design, teaching methods, and other aspects of teaching.

2016- Present Mentor for new faculty, "AMEET MELAVEH" (New Faculty Mentor) Program

This program is about mentoring new faculty (tenure or adjunct) during the first semester after joining the college. The process covers academic, social, administrative, and personal aspects of being a faculty or a lecturer at the college.

2011- **Present** Personal Coach for students, "MALAT" Program

MALAT – MATZAV AKADEMI LO TAKEEN (Insufficient academic status) is a program about providing last chance to a student who is on the threshold of being expelled from the college due to low achievements. Eligible students are coached to change paradigm about studying.

2013- **Present** Group Coach, "ME TOV LA METZOYAN" (From "good to Excellent") Program

The program is designed for students who are very close to being excelling in studies, yet not there. The goals of the program include helping them building a personal excellence program and then implementing it during the semester.

Technion Alumni Association

2019- **Present** Mentor, Ten Giving Program

A mentor for undergraduate students, helping them with preparations for their first transition into industry.

Ministry of Industry and Trade

2016- **Present** Mentor, Israel National Brain Gain Program

The Israel Brain Gain Program is led by the Chief Scientist of the Ministry of Industry and Trade. The program is run under MATIMOP, the executive agency of the Office of the Chief Scientist (OCS). It is a joint collaboration of the Ministry of Absorption, the Ministry of Industry and Trade, the Finance Ministry, and the Committee for Planning and Budgeting of the Council for Higher Education.

ACADEMIC HONORS, AWARDS, AND FELLOWSHIPS

Faculty Evaluation at Braude College of Engineering

2022 Faculty Excellence Certificate and Award for the year 2020/2021, *All Categories*

2021 Faculty Excellence Certificate and Award for the year 2019/2020, *All Categories*

2020 Faculty Excellence Certificate and Award for the year 2018/2019, *All Categories*

2019 Faculty Excellence Certificate and Award for the year 2017/2018, *All Categories*

- 2018 Faculty Excellence Certificate and Award for the year 2016/2017, *All Categories*
- 2017 Faculty Excellence Certificate and Award for the year 2015/2016, *All Categories*
- 2016 Faculty Excellence Certificate and Award for the year 2014/2015, *All Categories*
- 2015 Faculty Excellence Certificate and Award for the year 2013/2014, *All Categories*
- 2014 Faculty Excellence Certificate and Award for the year 2012/2013, *All Categories*
- 2014 Faculty Excellence Certificate and Award for the year 2012/2013, *Teaching Category*
- 2013 Faculty Excellence Certificate and Award for the year 2011/2012, *All Categories*
- 2012 Faculty Excellence Certificate and Award for the year 2010/2011, *All Categories*
- 2011 Faculty Excellence Certificate and Award for the year 2009/2010, *All Categories*

Faculty Evaluation at Technion – Israel Institute of Technology

- 2018 "MARTZEH METSTAYEN", Excellent faculty for Spring 2018, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology

Post-Doctoral Fellowships

- 2008-2009 Post-doctoral fellowship funded by the Planning and Budgeting Committee of Israel (VATAT), Department of Statistics, University of Haifa, Haifa, Israel
- 2007-2008 Post-doctoral fellowship funded by the Natural Sciences and Engineering Research Council (NSERC) of Canada, Rotman School of Management, University of Toronto, Ontario, Canada
- 2007 Honorary Mention in the Ph.D. Dissertation Competition held by ORSIS – the Operational Research Society of Israel
- 2006-2007 Post-doctoral fellowship funded by the Natural Sciences and Engineering Research Council (NSERC) of Canada, Haskayne School of Business, University of Calgary, Calgary, Canada

Honors and Awards during Ph.D. Studies

- 2006 Donald W. Fogarty International Student Paper Competition, APICS Educational and Research (E&R) Foundation, 1st place, International Division. *Title of paper: Optimal Number and Location of Retail Outlets, Inventory Replenishments, and Lateral Transshipment Decisions*

- 2005 Minerva Stiftung Short-Term Research Grant
- 2002-2006 Irwin and Joan Jacobs Graduate School's scholarship, Technion – Israel Institute of Technology
- 2005 The 13th Industrial Engineering and Management Conference Student Paper Competition, 2nd place. *Title of paper: Supply Chain Design: An Integrated Decision-Making Approach*
- 2002-2006 Permanent Excellent Teaching Assistant Certificate and Award, Technion – Israel Institute of Technology

Honors and Awards during M.Sc. Studies

- 2002 Graduation with *Cum Laude* honor certificate
- 1999-2002 Irwin and Joan Jacobs Graduate School's scholarship, Technion – Israel Institute of Technology
- 2000-2002 Excellent Teaching Assistant Certificate and Award, Technion – Israel Institute of Technology

Honors and Awards during B.Sc. Studies

- 1992 Graduation with *Cum Laude* honor certificate
- 1992 The Joseph Gruenblat prize, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology
- 1991 Certificate of Honor for being listed on the Dean's List. The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology
- 1991 The Joseph Gruenblat prize, The Faculty of Data and Decision Sciences, Technion – Israel Institute of Technology

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- ORSIS – Operational Research Society of Israel
- INFORMS – Institute of Operations Research and Management Sciences
- M&SOM – Manufacturing and Service Operations Management
- IISE – Institute of Industrial & Systems Engineer
- ISIR – International Society for Inventory Research

PROFESSIONAL AND SERVICE ACTIVITIES

Braude College of Engineering

- 2019-**Present** Steering Committee for Industry-Academy conference, Member
- 2020-**Present** Committee for developing an Industry 4.0 program, Mechanical Engineering Department, Member
- 2012-2018 Committee for the Promotion of Teaching and Learning, Head
- 2012-2019 Steering Committee of the Center for promoting Teaching and Learning, Member
- 2010-**Present** Departmental Seminar, Department of Industrial Engineering and Management, Organizer
- 2016-2017 Head of the 7th Industry-Academy Conference, "Personal Growth and Well-Being at Works – Drivers of Innovations and Productivity", March 2017.
- 2014-2015 Steering Committee of "ME HALEV" Project, Community Relations, Member and Researcher
- 2013-2015 Committee for Adopting the ABET (Accreditation Board for Engineering and Technology) standard, Member
- 2013 Leading a students'-exchange delegation to Germany
- 2012-2013 Ad-Hoc Committee for Academic Quality Examination, Member
- 2012-2013 Committee for Integrating Systemic Thinking in the Curriculum, Member
- 2011-2012 Adjunct Teaching Nominees' Committee, Department of Industrial Engineering and Management, Member
- 2010-2012 Strategic Planning Committee, Academic Development Affairs, Member
- 2009-2012 Academic Knowledge Management, Department of Industrial Engineering and Management, Organizer
- 2011-2012 Internship Process Revision Committee, Member
- 2010 External Funding Resource Workshop, Department of Industrial Engineering and Management, Organizer
- 2009-2011 Committee for the Promotion of Teaching and Learning, Member
- 2009-2011 Academic Adviser (2nd year students), Department of Industrial Engineering and Management

Activities on a National Level

- 2022-**present** The National Advising Committee for The National Israeli Hackathon in Industrial Engineering and Management, Member

- 2021-**present** Higher Education Committee (HEC) Steering Committee for Advancing Higher Education in the Non-Jewish Sector in Israel, Member
- 2021-**present** The Israeli Association of Engineers, Architects and Graduates in Technological Sciences (AEAI), Member

Conference Committee Member

- 2021 The 14th IFAC Workshop on Intelligent Manufacturing System, Tel Aviv, Israel, Academic Committee, Member
- 2019-2020 Workshops on Additive Manufacturing, Israeli Industry Sector,
- 2015-2016 The 3rd Colloquium of European Research in Retailing, Toulouse Business School, Toulouse, France, Member
- 2012 The 17th Industrial Engineering and Management Conference, Tel-Aviv, Israel, Paper competition committee, Member
- 2011 The 5th Industrial Engineering and Management Research Conference, Dead Sea, Israel, Paper competition committee, Member
- 2010 Manufacturing & Service Operations Management (M&SOM) Conference, Technion – Israel Institute of Technology, Israel, Member

Manuscript Reviewer

Refereeing manuscripts submitted for potential publication in the following journals:

Management Science ♦ IIE Transactions ♦ Naval Research Logistics (NRL) ♦ Production and Operations Management (POM) ♦ European Journal of Operational Research (EJOR) ♦ Applied Mathematical Modeling ♦ International Journal of Production Research (IJPR) ♦ Computers and Industrial Engineering (CAIE) ♦ Central European Journal of Operations Research ♦ African Journal of Business Management ♦ American Journal of Operations Research (AJOR) ♦ Manufacturing & Service Operations Management (M&SOM) ♦ OMEGA – The International journal of Management Science ♦ Journal of Operational Research Society (JORS) ♦ Mathematical Problems in Engineering ♦ Mathematical Methods in Operations Research (MMOR) ♦ Journal of Industrial Optimization (JIMO) ♦ RAIRO – Operations Research.

Master\Doctoral Thesis Examiner

- Technion – Israel Institute of Technology, (M.Sc., Ph.D.)
- Tel-Aviv University (M.Sc.)
- SKEMA Business School, France (M.Sc.)
- University of Brescia, Italy (Ph.D.)

CONFERENCE AND SEMINAR LECTURES

A. Invited Seminars at Universities

1. Integrating Routing with Inventory and Transshipment Decisions: A Robust Optimization Approach, Ariel University, 2018 (Joint work with Shiry Varem and Aharon Ben-Tal)
2. Impacts of Lateral Transshipments on Designing and Operating the Supply Chain, Bar-Ilan University, Israel, 2013 (Joint work with Herer Y. T.)
3. Facility Location: A Robust Optimization Approach, Department of Industrial engineering and Management, Tel Aviv University, 2010 (Joint work with Baron O. and Milner J.)
4. Facility Location: A Robust Optimization Approach, Industrial Engineering and Management Department, Braude College of Engineering, Israel, 2008 (Joint work with Baron O. and Milner J.)
5. Facility Location: A Robust Optimization Approach, Atkinson School of Administrative Studies, York University, Toronto, Canada, 2008 (Joint work with Baron O. and Milner J.)
6. Facility Location: A Robust Optimization Approach, Rotman School of Management, University of Toronto, Toronto, Canada, 2008 (Joint work with Baron O. and Milner J.)
7. Integrating a One-time Probabilistic Special Purchasing Opportunity with On-Going Replenishment Decisions, Department of Statistics, Haifa University, Israel, 2008 (Joint work with Silver A. E.)
8. Impacts of Lateral Transshipments on Designing and Operating the Supply Chain, Haskayne School of Business, University of Calgary, Alberta, Canada, 2006 (Joint work with Herer Y. T.)
9. Optimal Number and Location of Retail Outlets and Inventory Decisions in a Stochastic Inventory System, Pennsylvania State University, State College, Pennsylvania, USA, 2005 (Joint work with Herer Y. T.)
10. Optimal Size, Location, and Inventory Decisions in an Infinite-Horizon Newsvendor-Type Environment, Tel-Aviv University, Tel-Aviv, Israel, 2005 (Joint work with Herer Y. T.)
11. Optimal Number and Location of Retail Outlets and Inventory Decisions in a Stochastic Inventory System, Northwestern University – Ph.D. series – Evanston, Illinois, USA, 2005 (Joint work with Herer Y. T.)
12. Optimal Number and Location of Retail Outlets and Inventory Decisions in a Stochastic Inventory System, New York University, Leonard N. Stern School of Business, New-York City, USA, 2005 (Joint work with Herer Y. T.)

13. Optimal Number and Location of Retail Outlets and Inventory Decisions in a Stochastic Inventory System, Kansas State University, Manhattan, Kansas, USA, 2005 (Joint work with Herer Y. T.)
14. Supply Chain Design: An Integrated Decision-Making Approach, joint conference of Israel's Operations Management Society and Israel's Purchasing and Logistics Manager Association, Ramat-Gan, Israel, 2004 (Joint work with Herer Y. T.)
15. Supply Chain Design: An Integrated Decision-Making Approach, European Operations Management Association (EurOMA) Doctoral Seminar, Fontainebleau, France, 2004 (Joint work with Herer Y. T.)
16. Optimal Size, Location, and Inventory Decisions in an Infinite-Horizon Newsvendor-Type Environment, Technion – Israel Institute of Technology, Haifa, Israel, 2004 (Joint work with Herer Y. T.)
17. Supply Chain Design: An Integrated Decision-Making Approach, The 6th International Society for Inventory Research (ISIR) Summer School, Beta Research School, TU/e, Eindhoven, The Netherlands, 2003 (Joint work with Herer Y. T.)

LIST OF PUBLICATIONS

Ph.D. Dissertation

- H. Naseraldin, *Supply Chain Design on a Line with Lateral Transshipments*. Technion – Israel Institute of Technology, Haifa, Israel, 2006.

A. Refereed Papers

1. A. Chaudhuri, H. Naseraldin, G. Narayanamurthy, Healthcare 3D printing service innovation: Resources and capabilities for value Co-creation, *Technovation*, 102596, ISSN 0166-4972, 2022
2. G. E. Fruchter, H. Naseraldin, Coordinating Carbon Emissions via Production Quantities: A Differential Game Approach, 12(1) 15, 2021
3. A. Chaudhuri, H. Naseraldin, P. V. Soberg, E. Kroll, Should hospitals invest in customised on-demand 3D printing for surgeries, *International Journal of Operations & Production Management*, 41(1), pp. 55-62, 2021
4. N. Gavish, H. Naseraldin, An Experience-Based Contrast Effect when Relying on a Decision Aid, *SN Applied Sciences*, 2 (1444), 2020
5. Y. Cohen, H. Naseraldin, A. Chaudhuri, F. Pillati, Assembly Systems in Industry 4.0 Era: A Road-Map to Understand Assembly 4.0, *The International Journal of Advanced Manufacturing Technology*, 105, pp. 4037-4054, 2019

6. M. Gilenson, H. Naseraldin, L. Yedidsion, An Approximation Scheme for the Bi-Scenario Sum of Completion Times Trade-off Problem, *Journal of Scheduling*, 22, pp. 289-304, 2019. <https://doi.org/10.1007/s10951-018-0588-7>
7. N. Gavish, H. Naseraldin, The Effect of Previous Experience When Introducing a Decision Aid In a Decision Support System For Supply Chain Management, *Cognition, Technology & Work*, 18(2), pp. 439-447, 2016.
8. Y. Mikhaylidi, H. Naseraldin, L. Yedidsion, Operations Scheduling Under Electricity Time-Varying Prices, *International Journal of Production Research*, 53(23), 2015. DOI: [10.1080/00207543.2015.1058981](https://doi.org/10.1080/00207543.2015.1058981)
9. Y. Shaposhnik, Y. T. Herer, H. Naseraldin, Optimal Ordering for a Probabilistic One-Time Discount, *European Journal of Operational Research*, 244, pp. 803-814, 2015.
10. H. Naseraldin, Y. T. Herer, A Location-Inventory Model with Lateral Transshipments, *Naval Research Logistics*, 58(5), pp. 437-456, 2011.
11. O. Baron, J. Milner, H. Naseraldin, Facility Location: A Robust Optimization Approach, *Production and Operations Management*, 20(5), pp. 772-785, 2011.
12. E. A. Silver, H. Naseraldin, D. P. Bischak, Determining the Reorder Point and Order-Up-To-Level in a Periodic Review System so as to Achieve a Desired Fill Rate and a Desired Average Time Between Replenishments, *Journal of the Operational Research Society*, 60, pp. 1244-1253, 2009.
13. H. Naseraldin, Y. T. Herer, Integrating the Number and the Location of Retail Outlets on a Line with Replenishment Decisions, *Management Science*, 54(3), pp. 1666-1683, 2008.
14. C. Fine, B. Golany, H. Naseraldin, Modeling Tradeoffs in 3-Dimensional Concurrent Engineering: A Goal-Programming Approach, *Journal of Operations Management*, 23, pp. 389-403, 2005.

B. Refereed Conference Proceedings

1. Alkhudary R., Brusset X., Naseraldin H., Fenies, P.: Enhancing the competitive Advantage via Blockchain: an Olive Oil Case Study, *IFAC-PapersOnline*, 55(2), pp. 469-474, The 14th IFAC Workshop on Intelligent Manufacturing System, Tel Aviv, Israel, 2022.
2. Naseraldin H., Varem, S., Ben-Tal A.: A Robust approach to the Integrated Inventory Replenishment, Lateral Transshipments, and Routing, POM conference, Brighton, UK, 2019.
3. Naseraldin H., Varem, S., Ben-Tal A.: A Robust approach to the Integrated Inventory Replenishment, Lateral Transshipments, and Routing, Optimization and Decision Sciences (ODS), XLIX Annual Meeting of AIRO – Italian Operations Research Society, Genova, Italy, 2019.

4. Naseraldin H., Varem, S., Ben-Tal A.: A Robust approach to the Integrated Inventory Replenishment, Lateral Transshipments, and Routing Problem in a Single-Commodity Supply Chain, Colloquium On European Research in Retailing, Surrey Business School, University of Surrey, Guildford, England, 2018.
5. Naseraldin H., Varem, S., Ben-Tal A.: An Integrated Inventory Replenishment, Lateral Transshipments, and Routing Problem, Euro2018, Valencia, Spain, 2018.
6. Naseraldin H., Baron O.: Robust Capacity Planning Under Service Constraints – the M/G/1 Case, European Conference on Stochastic Optimization (ECSO), Rome, Italy, 2017.
7. Naseraldin H., Baron O.: Robust Capacity Planning Under Service Constraints – the M/G/1 Case, Production and Operations Management Society (POMS) 2017 Conference, Tel Aviv, Israel, 2017.
8. Varem, S., Naseraldin H., Ben-Tal A.: The Integrated Lateral Transshipments and Routing Problem in a Single-Commodity Supply Chain, Production and Operations Management Society (POMS) 2017 Conference, Tel Aviv, Israel, 2017.
9. Naseraldin H., Baron O.: Robust Capacity Planning Under Service Constraints, The 19th International Symposium on Inventories, Budapest, Hungary, 2016.
10. Naseraldin H., Baron O.: Robust Capacity Planning Under Service Constraints, German-Austrian OR, University of Vienna, Vienna, Austria, 2015.
11. Naseraldin H., Baron O.: Robust Capacity Planning Under Service Constraints, Institute for Operations Research and Management Sciences (INFORMS), San Francisco, California, USA, 2014.
12. Naseraldin H., Herer Y. T.: Impacts of Practicing Lateral Transshipments on Designing and Operating a Supply Chain, MS&OM, INSEAD, France, 2013.
13. Naseraldin H., Baron O.: Robust Facility Location Under Service Constraints, The 17th Industrial Engineering and Management Conference, Tel-Aviv, Israel, 2012
14. Naseraldin H., Baron O.: Robust Facility Location Under Service Constraints, INFORMS Healthcare 2011, Montreal, Canada, 2011
15. Naseraldin H., Baron O.: Robust Facility Location Under Service Constraints, MS&OM, Ann Arbor University, Michigan, USA, 2011
16. Naseraldin H., Herer Y. T.: A Location-Inventory Model with Lateral Transshipments, MS&OM, Technion – Israel Institute of Technology, Haifa, Israel, 2010.
17. Baron O., Milner J., Naseraldin H.: Facility Location: A Robust Optimization Approach, The 25th Mini-EURO Conference, University of Coimbra, Coimbra, Portugal, 2010

18. Naseraldin H., Silver A. E.: Integrating a One-time Probabilistic Special Purchasing Opportunity with On-Going Replenishment Decisions, Institute for Operations Research and Management Sciences (INFORMS), Seattle, Washington, USA, 2007
19. Naseraldin H., Silver A. E.: Integrating a One-time Probabilistic Special Purchasing Opportunity with On-Going Replenishment Decisions, Alberta Research Council of Canada Conference, Calgary, Canada, 2007
20. Naseraldin H., Herer Y. T.: Impacts of Lateral Transshipments on Designing and Operating the Supply Chain, The 14th Israeli Industrial Engineering and Management (IIE&M) Conference, Tel-Aviv, Israel, 2006
21. Naseraldin H., Herer Y. T.: Optimal Size, Location, and Inventory Decisions in an Infinite-Horizon Newsvendor-Type Environment, The 7th International Society for Inventory Research (ISIR) Summer School on Supply Chain Inventory Management, Mannheim Business School, University of Mannheim, Mannheim, Germany, 2005
22. Naseraldin H., Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, Production and Operations Management Society (POMS) Conference, Chicago, Illinois, USA, 2005
23. Naseraldin H., Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, Industrial Engineering Research Conference (IERC), Atlanta, Georgia, USA, 2005
24. Naseraldin H., Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, European Operations Management Association (EurOMA) Conference, Fontainebleau, France, 2004
25. Naseraldin H., Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, Manufacturing and Service Operations Management (MSO&M) Conference, Beta Research School, TU/e, Eindhoven, The Netherlands, 2004
26. Naseraldin H., Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, The 13th Israeli Industrial Engineering and Management (IIE&M) Conference, Tel-Aviv, Israel, 2004
27. Naseraldin H., Herer Y. T.: Lateral Transshipments – Past, Present, and Future Directions, Israeli Industrial Engineering Research Meeting (IIERM), Tel-Aviv, Israel, 2003
28. Naseraldin H., Herer Y. T.: Supply Chain Design with Lateral Transshipments, EURO/INFORMS Joint International Meeting, Istanbul, Turkey, 2003
29. Naseraldin H., Golany B., Zussman E.: Integrated Planning of Product Design, Assembly Process, and Supply Chain, the 12th Israeli Industrial Engineering and Management (IIE&M) Conference, Tel-Aviv, Israel, 2002

C. Other Conference Proceedings (Presenter is italicized)

1. Alkoby A., *Naseraldin H.*, Gibali A., Minimizing Cycle Time of a 3D Printed Metal Product, The National 22nd of Industrial Engineering and Management, Risho Litzion, Israel, 2021.
2. Bederman Y., *Naseraldin H.*: Data Mining and Optimization for Productivity Improvement in The Dairy Industry, The National 22nd of Industrial Engineering and Management, Risho Litzion, Israel, 2021.
3. *Alkoby A.*, *Naseraldin H.*, Gibali A., Minimizing Cycle Time of a 3D Printed Metal Product, Operations Research Society of Israel (ORSIS) Conference, Technion – Israel Institute of Technology, Haifa, Israel, 2021.
4. *Naseraldin H.*, *Zurist S.*, *Weiss A.*, *Ben Hanan Uri*, *Blov A.*: Digital Twin for Improving Productivity, The National 22nd of Industrial Engineering and Management, Rishon Le Tzion, Israel, 2021.
5. *Chaudhuri A.*, *Naseraldin H.*, *Soberg P. V.*, *Kroll E.*: The Impacts of 3D Printing Technology on Designing and Operating the Supply Chain, International Workshop on 3D Printing, Israel, 2020.
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7. *Chaudhuri A.*, *Naseraldin H.*: Decision Making challenges for adoption of 3D printing, Industry-Academy Workshop on 3D Printing, Israel, 2019.
8. *Varem, S.*, *Naseraldin H.*, *Ben-Tal A.*: The Integrated Lateral Transshipments and Routing Problem in a Single-Commodity Supply Chain, Operations Research Society of Israel (ORSIS) Conference, Bar-Ilan University, Ramat Gan, Israel, 2017.
9. *Naseraldin H.*, *Shnits B.*: Robust Adaptive Scheduling, The 11th Braude College of Engineering Interdisciplinary Research Conference, Ha-Goshrim, Israel, 2015
10. *Gertsman M.*, *Naseraldin H.*: Optimal Offset Allocation at Rafael, The 11th Braude College of Engineering Interdisciplinary Research Conference, Ha-Goshrim, Israel, 2015
11. *Gavish N.*, *Naseraldin H.*: The Effect of Timing and Complexity of the Decision-Aid in a Decision-Support-System for Supply Chain Management, The 11th Braude College of Engineering Interdisciplinary Research Conference, Ha-Goshrim, Israel, 2015
12. *Naseraldin H.*, *Baron O.*: Robust Capacity Planning Under Service Constraints, The 10th Braude College of Engineering Interdisciplinary Research Conference, Nahariya, Israel, 2014
13. *Naseraldin H.*, *Baron O.*: Robust Capacity Planning Under Service Constraints, Operations Research Society of Israel (ORSIS) Conference, Tel Aviv University, Tel Aviv, 2014

14. Baron O., Milner J., *Naseraldin H.*: Facility Location: A Robust Optimization Approach, Operations Research Society of Israel (ORSIS), Nir Etzion, Israel, 2010
15. *Naseraldin H.*, Silver A. E.: Integrating a One-time Probabilistic Special Purchasing Opportunity with On-Going Replenishment Decisions, The Braude College of Engineering 5th Interdisciplinary Research Conference, Nihariya, Israel, 2009
16. Baron O., Milner J., *Naseraldin H.*: Facility Location: A Robust Optimization Approach, The 4th Braude College of Engineering Interdisciplinary Research Conference, Nazareth Ilit, Israel, 2008
17. *Naseraldin H.*, Silver A. E.: Integrating a One-time Probabilistic Special Purchasing Opportunity with On-Going Replenishment Decisions, Operations Research Society of Israel (ORSIS), Kibutz Maaleh Hachamisha, Israel, 2007.
18. *Naseraldin H.*, Herer Y. T.: Impacts of Lateral Transshipments on Designing and Operating the Supply Chain, Operations Research Society of Israel (ORSIS), Nahariya, Israel, 2006
19. *Naseraldin H.*, Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, Operations Research Society of Israel (ORSIS), Caesarea, Israel, 2005
20. *Naseraldin H.*, Herer Y. T.: Supply Chain Design: An Integrated Decision-Making Approach, Operations Research Society of Israel (ORSIS), Ashkelon, Israel, 2004