Curriculum Vitae

Personal Information

Poulad MORADI
Doctoral Researcher
University of Luxembourg
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Education

2022–Present	**Ph.D., Operations Research/Operations Management** University of Luxembourg - Luxembourg **Advisor:** Joachim Arts
2020–2021	**Master, Supply Chain Management** University of Luxembourg - Luxembourg **Thesis:** Dual Sourcing for Sustainability **Advisors:** Joachim Arts - Melvin Drent
2007–2010	**M.Sc., Mechanical Engineering** Isfahan University of Technology - Iran **Thesis:** Modeling and Control of a 3-DOF Cable-Driven Manipulator with Novel Architecture **Advisors:** Abbas Fattah - Mostafa Ghayour
2003–2007	**B.Sc., Mechanical Engineering** Shiraz University - Iran **B.Sc. Project:** Design and Control of a Fish Robot **Advisor:** Mohammad Eghtesad

Research

Research Interest: Stochastic Modeling, Bayesian Learning, Inventory Management, Maintenance, Transportation, Sustainability

Journal Publications

1. MORADI, P., ARTS, J., AND VELÁZQUEZ-MARTÍNEZ, J. C. Load asymptotics and dynamic speed optimization for the greenest path problem: a comprehensive analysis. *OR Spectrum* (2024)

2. DRENT, M., MORADI, P., AND ARTS, J. Efficient emission reduction through dynamic supply mode selection. *European Journal of Operational Research 311* (2023), 925–941

Ongoing Projects

1. Efficient Asymptotics for Condition-Based Replacement Thresholds.
2. Asymptotic Optimality of Projected Inventory Level Policies for Lost Sales Inventory Systems with Large Lead Time and Penalty Cost.

PROFESSIONAL EXPERIENCE

2022–Current	**University of Luxembourg** Position: Doctoral Researcher Country: Luxembourg
2010–2020	**Engineering Companies in Oil&Gas and Metallurgy Industries** Position: Project Manager/Design Engineer Country: Iran

TEACHING ASSISTANCE EXPERIENCE

2022–2023	Probability and Statistical Inference
2023	Inventory Management

COMMUNITY SERVICES

Referee: OR Spectrum, International Journal of Production Economics

HONORS, AWARDS & SCHOLARSHIPS

2021	Valedictorian, 2020/2021 master's in supply chain management, University of Luxembourg.
2020	USD 8,000 scholarship by Purdue University's Krannert School of Management (Declined).
2020	Euro 20,000 scholarship by University of Luxembourg.
2003	Ranked within top 0.5% in Iran's national universities entrance exam in the field of technical and mathematical sciences.
2001	Selected in the first stage of three national student Olympiads in Iran (mathematics, computer, chemistry).

COMPUTER SKILLS

Python, Gurobi, Latex, R(beginner)

December 13, 2024