Curriculum Vitae of Leoneed Mihaylov Kirilov, Ph.D.

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Introduction

I work at the Inst. of Information and Communication Technologies (IICT) – Bulgarian Academy of Sciences, department "Information Processes and Decision Support Systems" since 1988.

I graduated MSc of mathematics – operations research at Sofia University "St. Kliment Ochridski" in 1984. From 1988 to 1992 I was PhD student at the Institute of Technical Cybernetics and Robotics (now Inst. of Information and Communication Technologies).

My research areas are Optimization methods and Applications, Multiple Criteria Decision Making, Decision Support Systems, Modelling, Schedule Optimization, Hydrologic modelling, Monte Carlo simulations.

My research activity currently can be summarized in more than 53 research and applied projects. The scientific results are described in more than 115 articles, published in journals and proceedings of international conferences and three monographs (almost all in English).

Personal Information

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Education

Doctor of Philosophy
Inst. of Information Technologies – Bulg. Academy of Sciences   1988-1991
Subject of doctoral thesis: Interactive Methods for Solving Multiple Objective Mathematical Programming Problems

Master of Science (Mathematics-Operations Research)
Sofia University 1979-1984
Subject of diploma work: Methods for solving differential inclusions

Specialization - Financial Management
Univ. of National and World Economy – Postgraduate studies Inst., Sofia – 1995-1997
Subject of diploma work: Credit Portfolio Management of a Trade Bank

Employment History

Docent (Assoc. Prof.)   1999 – Present
Research Associate I degree   1996-1998
Research Associate II degree   1992-1996
Programmer   1991-1992
Post graduate student   1988-1991
at the Inst. of Information and Communication Technologies (IICT) (former Inst. of Information Technologies from 1991 to 2010, former Inst. of Informatics from 1990 to 1991; a part of former Inst. of Technical Cybernetics and Robotics to 1990)
Bulgarian Acad. of Sciences,
Acad. G. Bonchev St., bl.2,
1113 Sofia, Bulgaria

Mathematician   1984-1987
at the Central Inst. of Computing Machinery,
Tzarigradsko shosse, 7th km, Sofia, Bulgaria

References

Here are the names of several people who can give references for me.

- Corr. Mem. Prof. D.Sc. Svetozar Margenov, director of IICT – BAS, Bulgaria
- Academician Vassil Sgurev, IICT – BAS, Bulgaria
- Academician Ivan Popchev, IICT – BAS, Bulgaria
- Prof. Kaisa Miettinen, University of Jyvaskyla, Finland
- Prof. Pekka Korhonen, Aalto University, Finland

Spoken Languages

- English – Very good (Medium, Good, Very good, Fluent)
- Russian – Very Good
- French - Medium
- Bulgarian – Native language

Membership

- International Society on Multiple Criteria Decision Making
- Bulgarian Society on Operational Research – a member of IFORS
- Union of Scientists in Bulgaria

End of CV (Résumé) of Leoneed M. Kirilov. Appendices follow (papers, projects etc. upon request).

APPENDICES

Publications

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- Kirilov, L., V. Guliashki, B. Staykov (2021) Web-Based Decision Support System for Solving Multiple-Objective Decision-Making Problems. In: (Ed.: Mehdi Khosrow-Pour) Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering (3 volumes), vol 2, Ch. 29, pp. 594-620. IGI Global, Florida, USA. ISBN13: 9781799890232 DOI: 10.4018/978-1-7998-9023-2.ch029

- Mitev, Y., L. Kirilov (2021) Group Decision Support for e-Mail Service Optimization through Information Technology Infrastructure Library Framework. Proceedings of the 16th Conference on Computer Science and Intelligence Systems (FedCSIS) - 2021, pp. 227-230, doi: 10.15439/2021F93. https://ieeexplore.ieee.org/abstract/document/9555744

- Бурназки, Е., Р. Илиев, Л. Кирилов (2021 – отпечатана април 2022) Компютърно моделиране на хидроложки процеси и управление на речни басейни. Академично издателство Марин Дринов, София. 340 стр. ISBN 978-619-245-192-9

Bournaski, E., R. Iliev, L. Kirilov (2021- printed April 2022) Computer modeling of hydrological processes and river basins management. Prof Marin Drinov Publishing House of Bulgarian Academy of Sciences. Sofia. 340 pages. ISBN 978-619-245-192-9 (in Bulgarian).

- Bournaski, E., R. Iliev, L. Kirilov (2021) Incorporation of computational models to support water resources management. Proceedings of the Third Conference "Climate, atmosphere and water resources in the face of climate change", Sofia, 14 - 15 October 2021. Climate, atmosphere and water research institute – Bulg. Academy of sciences. Sofia, Bulgaria. pp. 38 – 44. ISSN: 2683-0558.

- Danev, V., L. Kirilov, R. Nikolov (2021) Creating Smart Home Environment Based on Open Source Home Automation Software. Proceedings of the CompSysTech '21: International Conference on Computer Systems and Technologies '21, June 18–19, 2021, Ruse, BULGARIA. ACM, New York, USA. Pages 81–86. https://doi.org/10.1145/3472410.3472444. ISBN: 978-1-4503-8982-2 https://dl.acm.org/doi/10.1145/3472410.3472444 https://doi.org/10.1145/3472410.3472444

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Book chapter

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