Temirlan Abildaev

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Education

Saint Petersburg State University   Sep 2020 – Jun 2022
Faculty of Physics
Department of Mathematical Physics
Master of Physics

Saint Petersburg State University   Sep 2016 – Jun 2020
Faculty of Mathematics and Mechanics
Department of Statistical Modelling
Bachelor of Applied Mathematics and Computer Science   GPA: 4.5/5.0

Saint Petersburg State University   Sep 2014 – Jun 2016
Graduate School of Management
Completed two years (120 ECTS-credits).

Academic

Bachelor Thesis

Title: Spectral asymptotics for integral operators of variable order
Supervisor: Ph.D. A. I. Karol', Associate Professor of the Department of Mathematical Physics
Description: Integral operators with weak singularity of variable order are considered. Asymptotics for s-numbers distribution function is obtained. Problem is applicable to stochastic processes theory.

Research

Title: Tropical optimization models and methods in applied problems of economy (RFBR 20-010-00145)
Supervisor: D.Sc. N. K. Krivulin, Professor of the Department of Statistical Modelling
Description: New method of minimax log-Chebyshev approximation is applied to some well-known problems of evaluating alternatives ratings based on pairwise comparisons. Obtained results are compared with the results obtained by traditional methods.
Publications: https://doi.org/10.32603/2071-2340-2020-2-27-58

Working

Tutoring

Gave private lessons in mathematics.   Sep 2017 – Mar 2020

Procter & Gamble Gillette plant
IT/OT Intern   Jun 2020 – Dec 2020

Business processes digitalization and analytics development.
Most significant projects:
- solution for corporative audits conduction and results tracking — development and implementation,
- solution for contractors works planning, inspection and analytics — development and implementation,
- solution for power consumption monitoring — tool implementation, dashboards and reports development.

Languages

Russian: Native
English: Advanced

Programming languages and software

Intermediate: R, C++, Matlab, Seeq, MS Power Apps, MS Power Automate, MS SharePoint Online, LaTeX
Elementary: Python, Java, SQL, Qt, Statistica, ThingWorx, MS Power BI

Interests

Vocational: Probability theory, Mathematical statistics, Mathematical physics, Statistical learning theory
Miscellaneous: Football

Additional information

Citizenship: Kazakhstan