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Education

King Abdullah University of Science and Technology

MS/PhD in Computer Science

Thuwal, Saudi Arabia

Sep. 2018 - PRESENT

Moscow Institute of Physics and Technology

BSC IN APPLIED MATHEMATICS AND PHYSICS

Moscow, Russia

Sep. 2014 - Jun. 2018

Skills

Programming C/C++, Python, LaTeX, Go

Mathematics Calculus, Linear Algebra, Probability and Statistics

Honors & Awards

2015-2017	' Abramov's Fund Scholarship , for top students of Moscow Institute of Physics and Technology	Moscow, Russia
2014	Honourable Mention, APhO (Asian Physics Olympiad)	Singapore
2014	Prize-Winner, All-Russian School Physics Olympiad, Final Round	Saint Petersburg,
		Russia
2014	Winner, All-Russian School Programming Olympiad, Region Round	Moscow, Russia
2014	Winner , All-Russian School Math Olympiad, Region Round	Moscow, Russia
2012-2014	Russian President's Scholarship, for high school students	Russia
2012-2014 Moscow Governor's Scholarship, for high school students		Moscow, Russia
2013	Winner, All-Russian School Physics Olympiad, Final Round	Vladivostok, Russia
2012	Prize-Winner, All-Russian School Physics Olympiad, Final Round	Saransk, Russia

Papers _____

Stochastic Distributed Learning with Gradient Quantization and Variance Reduction

Samuel Horváth, Dmitry Kovalev, Konstantin Mishchenko, Peter Richtárik and Sebastian U. Stich

Jan. 2019

arXiv 2019

Don't Jump Through Hoops and Remove Those Loops: SVRG and Katyusha are **Better Without the Outer Loop**

DMITRY KOVALEV, SAMUEL HORVÁTH AND PETER RICHTÁRIK

Jan. 2019

arXiv 2019

A hypothesis about the rate of global convergence for optimal methods (Newton's type) in smooth convex optimization

ALEXANDER GASNIKOV, DMITRY KOVALEV • Computer Research and Modeling, 2018, Volume 10, Issue 3, Pages 305–314 Feb. 2018

Stochastic Spectral and Conjugate Descent Methods

DMITRY KOVALEV, EDUARD GORBUNOV, ELNUR GASANOV AND PETER RICHTÁRIK

Feb. 2018

NeurIPS 2018

Conferences & Talks

Weekly seminar «Automatic control and Optimization Theory»

TALK: «STOCHASTIC SPECTRAL AND CONJUGATE DESCENT METHODS»

- Link 1
- Link 2

Seminar «Modern Optimization Methods»

Talk: «Stochastic Distributed Learning with Gradient Quantization and Variance Reduction»

• Link

Traditional School (Control, Information and Otimization)

POSTER PRESENTER: «STOCHASTIC SPECTRAL DESCENT METHODS»

- School website 1
- School website 2

Optimization and Big Data Workshop

POSTER PRESENTER: STOCHASTIC SPECTRAL DESCENT METHODS

- Workshop website
- Poster

Institute for Control Problems, Moscow, Russia

26 Mar. 2019

Moscow Institute of Physics and Technology, Moscow, Russia

25 Mar. 2019

Voronovo, Moscow Region, Russia

Jun. 2018

KAUST, Thuwal, Saudi Arabia

Feb. 2018