

Alexey Zaytsev

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Education

B.S. Applied mathematics and physics, Department of Applied mathematics and economics, chair “Intelligent systems” Moscow Institute of Physics and Technology, 2010

Diploma: “Regression models selection and parameters estimation using hyperparameters”

Supervisor: Vadim Strijov

M.S. Applied mathematics and physics, Department of Applied mathematics and economics, chair “Intelligent systems” Moscow Institute of Physics and Technology, 2010–present.

Employment

Junior researcher, “Datadvance”, January 2011–present.

Fields of Research Interest

Gaussian processes regression, multifidelity optimization, data fusion, regression models selection.

Research

Conference papers

Зайцев А., «Выбор моделей нелинейной регрессии с анализом гиперпараметров», — 53 конференция МФТИ, 2010,

Панов М., Бурнаев Е.В., Зайцев А., «О способах введения байесовской регуляризации в регрессии на основе гауссовских процессов», — ММРО-15, 2011

Бурнаев Е.В., Зайцев А., Панов М., Приходько П., Янович Ю., «Моделирование нестационарной ковариационной функции гауссовского процесса на основе разложения по словарю базисных функций», — ИТАС, 2011

Programming skills

Developed code in MatLab, C++,

also worked with Python, SAS, Microsoft SQL, Mathematica.

Languages

English — upper-intermediate,

Russian, Ukrainian — native,

French — basic.

Miscellaneous

Numerical successes in mathematical competitions:

Ukraine republic olympics in mathematics winner, 2003-2006

Summer conference “Турнир городов” participant, 2005

Summer mathematical school participant, 2004-2005