Curriculum Vitae

Orsolya Sáfár

Nationality:

Hungarian

Date and place of birth:

1983	6 October, Budapest

Education:

2010–	Assistant lecturer, Budapest University of Technology and Economics, Department of Analysis
2007– 2010	PhD student in Mathematics, Budapest University of Technology and Economics (BME) Supervisor: Miklós Horváth Title of PhD topic: Inverse Problems
2002–2007	MSc in Mathematics, BME

Fields of interest:

Inverse problems for Schrödinger operator
Application of machine learnig techniques and evolutionary algorithms in finding extremal solutions of the Schrödinger equation

Studies abroad:

Oct. 2007	ATHENS course "System Analysis" École Nationale Supérieure des Mines, Paris, France (1 week)
Oct. 2017	International Summer School on Deep Learning, Bilbao, Spain (1 week)

Teaching experience:

2006–	Practical numerical analysis courses
2008	Practical analysis courses
2009	Practical functional analysis courses
2004–	Practical analysis courses
2016–	Evolutionary algorithms

Foreign languages:

English – fluent
German – intermediate

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Publications:

L. Kohidai, O. Safar: Time-delayed model of the unbiased movement of Tetrahymena Pyriformis, PERIODICA MATHEMATICA HUNGARICA 63:(2) pp. 215-225 (2011)

O. Safar: Inverse eigenvalue problems for smooth potential, JOURNAL OF APPLIED ANALYSIS AND COMPUTATION 2 (3), 315-324 (2012)

I. Horvath, O. Safar, M. Telek, B. Zambo: Concentrated matrix exponential distributions, Proceedings of the 13th European Workshop on Computer Performance Engineering, EPEW, Lecture Notes in Computer Science vol. 9951 pages 18-31 (2016)

M. Horváth, O. Safar: Inverse eigenvalue problems, Journal of Mathematical Phsysics vol. 57, 112102 (2016)

M. Horváth, O. Sáfár: Inequalities between fixed-energy phase shifts II, submitted