



Jakub Záthurecký

Doctoral student



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Research interests

Applications of pure mathematics to investigation of differential equations which can be used to describe real-world phenomena such as models in neuroscience.

Education

since 2019	Ph.D. student Thesis title: Dynamical systems in neuroscience	Masaryk University
2017-2019	Master of Algebra and Discrete Mathematics Thesis title: Model theory	Masaryk University
2014-2017	Bachelor in Pure Mathematics Thesis title: Stone duality	Masaryk University

Teaching

Faculty of Science, MU: Numerical Methods (seminar tutor), Probability and Statistics (seminar tutor), Continuous Deterministic Models (seminar tutor)

Faculty of Informatics, MU: Linear Models (seminar tutor), Continuous Models and Statistics (seminar tutor), Differential and Integral Calculus (seminar tutor)

Conferences

2022	CHAOS Conference, Athens
2021	CHAOS Conference, Athens (virtual)

Academic stays

2021	University of Twente, 2 weeks study stay
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Interests

Tourism, music, literature, mathematics.