

Czech-Georgian Workshop on Boundary Value Problems

2 July 2024 — 4 July 2024, Brno

Program

Tuesday, 2 July 2024

10:00 *Opening*

10:15 **Nino Partsvania**

On Bounded Monotone Solutions to Singular in the Time Variable Two-Dimensional Differential Systems

11:00 **Jan Tomeček**

Multiple Solutions of Dirichlet Boundary Value Problems in Billiard Spaces

11:30 **Zuzana Došlá**

Zero-Convergent Solutions for Equations with Generalized Relativistic Operator

12:00 **Jiří Šremr**

Some Remarks on the Dynamics of the Pendulum with a Vertically Oscillating Support

Lunch

Round Table, Discussion

Wednesday, 3 July 2024

On-line Session (4th floor)

10:00 **Filip Konopka**

Kurzweil-Stieltjes Integral and its Generalization

Lunch

Brno Visit Tour

Czech-Georgian Workshop on Boundary Value Problems

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Thursday, 4 July 2024

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| 10:00 | Mariam Manjikashvili | Disconjugacy of the Fourth Order Ordinary Differential Equations and Boundary Value Problems |
| 10:45 | Sulkhan Mukhigulashvili | Two Point Boundary Value Problems for the Fourth Order Ordinary Differential Equations at Resonance Case |
| 11:30 | Milan Tvrdý | Bifurcation of Periodic Solutions to Nonlinear Measure Differential Equations |
| 12:30 | Robert Hakl | The Inverse Problem for Periodic Travelling Waves of the Linear 1D Shallow-Water Equations |

Lunch

Round Table, Discussion