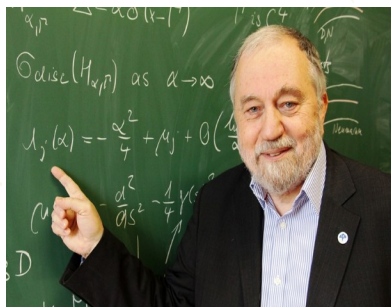


Tbilisi Analysis & PDE Seminar



Credit:

<https://gemma.ujf.cas.cz/~exner/portrait15f.jpg>

Dear Colleagues!

Institute of Mathematics of the University of Georgia is pleased to invite you to the Online Tbilisi Analysis & PDE Seminar. The seminar is held bi-weekly on Mondays at 16:00 GMT (at 17:00 CET, at 20:00 local time in Tbilisi).

Seminar on March 8:

Speaker: Prof. Dr. Pavel Exner, Doppler Institute for Mathematical Physics and Applied Mathematics; <https://gemma.ujf.cas.cz/~exner/personal.html>

The title of the lecture: “Product formulae related to Zeno quantum dynamics”

Abstract: We present a new class of product formulae which involve a unitary group generated by a positive self-adjoint operator and a continuous projection-valued function. The problem is motivated by quantum description of decaying systems, in particular, the Zeno effect coming from frequently repeated measurements. Applied to it, the formula expresses the dynamics of such a system. An example of a permanent position ascertaining leading to the effective Dirichlet condition is given.

Date: March 8, 2021;

Time: 16:00 GMT (17:00 CET and 20:00 local time in Tbilisi);

How to join:

The seminar is organized on the [Cisco Webex Meetings](#). If you are already registered, you do not need to register again. Otherwise, to join the seminar please send an e-mail to seminarim@ug.edu.ge or register here:

<https://forms.gle/xfQJ9fg1uqe7CrZw6>

You will then receive further information.

WEB of Seminar: <https://www.ug.edu.ge/en/tbilisi-analysis-and-pde-seminar>

Organizers:

1. R. Duduchava, Institute of Mathematics, University of Georgia, Tbilisi
2. E. Shargorodsky, Department of Mathematics, King's College London
3. G. Tephnadze, Institute of Mathematics, University of Georgia, Tbilisi

Secretary:

M. Tsaava, Institute of Mathematics, University of Georgia, Tbilisi

Technical support:

Z. Vashakidze, Institute of Mathematics, University of Georgia, Tbilisi

