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 $20:00$ local time in Tbilisi.

Talk on April 11, 2022

Speaker: Prof. **Alexander Pushnitski**, King's College London, UK;
https://www.kcl.ac.uk/people/alexander-pushnitski

The title of the lecture: **"The spectra of some arithmetical matrices"**

Abstract: will discuss the spectral theory of a family of infinite arithmetical matrices, whose (n,m)'th entry involves the least common multiple of n and m, denoted LCM(n,m). The simplest example of such matrix is 1/LCM(n,m), where n,m range over natural numbers. It turns out that an explicit formula for the asymptotics of eigenvalues of this matrix can be given.

Date: April 11, 2022
Time: $20:00$ local time in Tbilisi;
(**Compare to your local time:**   https://www.timeanddate.com/worldclock/georgia/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-seminars

Organizers:

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2. E. Shargorodsky, Department of Mathematics, King's College London

3. G. Tephnadze, Institute of Mathematics, University of Georgia, Tbilisi

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