The Fourth International Conference
"MODERN PROBLEMS IN APPLIED MATHEMATICS"

The second half of the XX century was marked by great international recognition of four distinguished Georgian mathematicians – Nikoloz Muskhelishvili, Ilia Vekua, Victor Kupradze and Andro Bitsadze. Three of them, Ilia Vekua, Viktor Kupradze and Andro Bitsadze were the graduates of Ivane Javakhishvilis Tbilisi State University, and Nicholas Muskhelishvili together with Andria Razmadze, Giorgi Nikoladze and Archil Kharadze laid the foundation for mathematical research and higher education, while Ilia Vekua, Viktor Kupradze and others followers together created a mathematical school of Elasticity, which brought the world name to Georgian mathematicians.

The Forth International Conference "MODERN PROBLEMS IN APPLIED MATHE-MATICS" was dedicated to the 105th Anniversary of I.Javakhishvili Tbilisi State University (TSU) & 55th Anniversary of I.Vekua Institute of Applied Mathematics (VIAM) of TSU, which held on September 13-15, 2023 (The first conference of this series was held in 2008, which was dedicated to the 90th anniversary of TSU and the 40th anniversary of the Ilia Vekua Institute of Applied Mathematics at TSU. The second and third conferences were held in 2013 and 2018). The main topics of the conference were: Mathematical problems of mechanics of continua and related problems of analysis; Mathematical modelling and numerical mathematics; Discrete mathematics and theory of algorithms; Probability theory and mathematical statistics The opening/closing lectures, 16 plenary talks and 18 sectional presentations were given.

The conference was opened by the director of the institute, Professor George Jaiani. Vice Rector of TSU, Professor Nino Okribelashvili addressed the scientists attending at

Professor Lucien Beznea,
Presents diplomas

the openig of the conference and noted that organising such conferences helps maintain and expand existing scientific connections between Georgian and foreign scientists.

At the event, I. Javakhishvili Tbilisi State University and I. Vekua Institute of Applied Mathematics of TSU were awarded honorary diplomas of the Simon Stoilow Institute of Mathematics of the Romanian Academy.

At the opening ceremony presented two speeches: "VIAM TSU – 55-year history" (G. Jaiani); "Mathematics at TSU from its foundation to the present day" (O. Purtukhia).

The aim of the conference were to support to the dissemination of new scientific results of Georgian mechanists and mathematicians in the country and abroad; widening existing international contacts and which will greatly benefit development of the fields of applied sciences in Georgia. The participation of well-known and young scientists involved in investigations in mathematical and natural sciences and engineering will promote fruitful intergenerational interactions and enhance cooperation among countries.

On behalf of the foreign participants Prof. H. Altenbach gave a high assessment to the both the organizational and scientific level of the conference and emphasized its importance. He also noted that the investigation of cusped bodies is a new direction, which is being successfully developed by a group of Georgian scientists, and at the conference were presented two plenary talks in this direction.

A part of the participants at the opening of the conference during a break

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Conference web-site: https://viam.science.tsu.ge/mpam2023/