



EDITORIAL TO THE SPECIAL ISSUE “Mathematical Analysis and Differential Equations” OF THE JOURNAL OF MATHEMATICAL SCIENCES (SERIES A)

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This collection is the result of a remarkable scientific conference “Mathematical analysis and differential equations,” held in Tsakhkadzor (Armenia) from September 19 to 23, 2022.

I am very grateful to the guest editors, professors Aghavard Khachatryan, Gegham Gevorgyan, and Tigran Harutyunyan, for their effort to the formation of this special issue. And, of course, it is necessary to pay tribute to the main organizers of the conference—the head of the organizing committee, Professor Aghavard Khachatryan



and his team, as well as the head of the program committee, Professor Armen Sergeev. The organizers made this scientific event unforgettable for all participants from Armenia, Russia, Germany, Belgium, France, Portugal, Ecuador, and some other countries.

The conference was held with the support of the Ministry of Education, Science, Culture and Sports of Armenia, as well as with the support of the Mathematical Research Foundation, Yerevan State University, the Science Committee of Armenia, the Krasnoyarsk Mathematical Center, Mathematical Center of the Southern Federal University (Rostov-on-Don), and the V.A. Steklov Mathematical Institute.

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At the opening of the event, the participants were welcomed by the Minister of Education, Science, Culture and Sports of the Republic of Armenia, Professor Vahram Dumanyan, and the Rector of Yerevan State University, Professor Hovhannes Hovhannisyan. I also had the great pleasure of presenting the Journal of Mathematical Sciences (Springer Nature) at the opening, and it was then that we all agreed to collaborate on a special issue that resulted in such a successful collection of papers.

As part of the cultural program, the organizers and participants of the conference visited the monastery of Kecharis, built in the eleventh century, and the largest lake in Armenia—Sevan, as well as many other local sights. On the photo: Sevanavank monastic complex founded in 874 and located on a peninsula at the northwestern shore of Lake Sevan.



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