Vol. 26 No. 4 2020

ON THE INTERNATIONAL WORKSHOP-CONFERENCE ON FUNCTION THEORY DEDICATED TO THE CENTENARY OF THE BIRTH OF S. B. STECHKIN

V. V. Arestov, V. I. Berdyshev, M. V. Deikalova, S. V. Konyagin, D. S. Telyakovskii

The paper provides an overview of the main events of the International Workshop–Conference on Function Theory dedicated to the Centenary of the birth of S.B. Stechkin, which was held in Yekaterinburg online from August 3 to August 12, 2020, for the 45th time since 1971. A description of the traditions and peculiarities of such workshops that have developed over the years as well as a list of reports by the conference participants are given. The paper also contains memoirs about Sergei Borisovich Stechkin, the initiator of such workshops–conferences, the founder and head of the scientific school on function theory.

Keywords: function theory, best approximation of functions and operators, approximative methods, extremal problems, splines, wavelets, geodesic fields navigation, geometric problems of approximation theory, numerical analysis.

MSC: 20-06 (Primary), 26-XX, 30-XX, 41-XX (Secondary)

DOI: 10.21538/0134-4889-2020-26-4-290-299

Received October 10, 2020 Revised October 16, 2020 Accepted October 23, 2020

Vitalii Vladimirovich Arestov, Dr. Phys.-Math. Sci., Ural Federal University, Yekaterinburg, 620000 Russia; Krasovskii Institute of Mathematics and Mechanics of the Ural Branch of the Russian Academy of Sciences, Yekaterinburg, 620108 Russia; e-mail: vitalii.arestov@urfu.ru.

Vitalii Ivanovich Berdyshev, RAS Academician, Krasovskii Institute of Mathematics and Mechanics Ural Branch of the Russian Academy of Sciences, Yekaterinburg, 620108 Russia, e-mail: bvi@imm.uran.ru.

Marina Valer'evna Deikalova, Cand. Sci. (Phys.-Math.), Ural Federal University, Yekaterinburg, 620000 Russia, e-mail: marina.deikalova@urfu.ru.

Sergey Vladimirovich Konyagin, Prof., Lomonosov Moscow State University, Faculty of Mechanics and Mathematics, Moscow, 119991 Russia; Steklov Mathematical Institute of Russian Academy of Sciences, Moscow, 119991 Russia, e-mail: konyagin@mi-ras.ru.

Dmitry Sergeevich Telyakovskii, Cand. Sci. (Phys.-Math.), Prof., National Research Nuclear University (MEPhI), Moscow, 115409 Russia, e-mail: dtelyakov@mail.ru.

Cite this article as: V. V. Arestov, V. I. Berdyshev, M. V. Deikalova, S. V. Konyagin, D. S. Telyakovskii. On the International Workshop–Conference on Function Theory Dedicated to the Centenary of the Birth of S. B. Stechkin, *Trudy Instituta Matematiki i Mekhaniki UrO RAN*, 2020, vol. 26, no. 4, pp. 290–299.