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**ON THE INTERNATIONAL S. B. STECHKIN'S WORKSHOP-CONFERENCE
ON FUNCTION THEORY DEDICATED TO THE 80th ANNIVERSARY
OF PROFESSOR V. V. ARESTOV**

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Brief information is given about the 48th International S. B. Stechkin's Workshop-Conference on Function Theory dedicated to the 80th anniversary of Professor V. V. Arestov, held in Kyshtym, Chelyabinsk region in face-to-face and remote formats from August 1 to 10, 2023. A list of the conference talks is given.

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

REFERENCES

1. Berdyshev V.I. Stechkin's workshop — what is it? *East J. Approx.*, 1996, vol. 2, no. 2, pp. 135–142.
2. Berdyshev V.I. A chronology of the S. B. Stechkin's workshops 1971–2006. In: *Proceedings of International Summer Mathematical Stechkin Workshop on Function Theory*, Tula: Publishing House of TSU, 2007, pp. 7–14.
3. Berdyshev V.I., Arestov V.V., Shabozov M.Sh. S. B. Stechkin's workshop. Historical background. In: *Proceedings of International Summer Mathematical Stechkin School-Conference on Function Theory*, Dushanbe: Publishing House of OOO "Ofset", 2016, pp. 6–9.
4. Arestov V.V., Berdyshev V.I., Babenko A.G., Volkov Yu.S., Deikalova M.V. International S. B. Stechkin's Workshop-Conference on Function Theory dedicated to the 85th anniversary of Yu. N. Subbotin and N. I. Chernykh. *Sib. Elektron. Mat. Izv.*, 2021, vol. 18, no. 2, pp. A.93–A.108 (in Russian). doi: 10.33048/semi.2021.18.126

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