Methodological seminar at the Department of Higher Mathematics at BMSTU

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The article considers activities of the methodological seminar at the Department of Higher Mathematics at Bauman Moscow State Technical University in 60–80 years of the previous century. The role of this seminar in improving the methodological support of general and special courses of higher mathematics in BMSTU is revealed. The most important reports of the seminar are described in detail. The contribution of a methodological seminar in increasing the level of mathematical knowledge among students of the preparatory department is emphasized.

Keywords: methodological seminar, methodological support, mathematical education, higher mathematics

REFERENCES

- [1] Fedorov I.B., Kolesnikov K.S., eds. *Nauchnye Shkoly MGTU (MVTU) im. N.E. Baumana. Istoriya razvitiya* [Science Schools of BMSTU (BMHTS). The History of Development]. Moscow, BMSTU Publ., 1995, 439 p.
- [2] Tomashpolskiy V.Ya., Sidnyaev N.I. *O matematike, matematikakh i kafedre Vysshaya Matematika. Istoriya, traditzii, sovremennost* [On Mathematics, Mathematicians, and the Department of Higher Mathematics. The History, Traditions, Modernity]. Moscow, BMSTU Publ., 2014, 258 p.
- [3] Tomashpolskiy V.Ya. *Inzhenernyy zhurnal: Nauka i innovatsii Engineering Journal: Science and Innovation*, 2013, no. 5 (17). Available at: http://engjournal.ru/articles/733/733.pdf (accessed June 1, 2018).
- [4] Mirnova M.N. Alma mater (Vestnik vysshey shkoly) Alma mater (High School Herald), 2014, no. 2, pp. 63–67.
- [5] Sotnikova O.A., Sushkov V.V. *Vysshee obrazovanie v Rossii Higher education in Russia*, 2016, no. 6, pp. 121–127.
- [6] Sobolev S.K. Ischislenie konechykh summ i raznostey v razdele «Ryady» v kurse matematicheskogo analiza [Calculus of finite differences and sums in the section "Series" of the mathematical analysis course]. In: Sbornik trudov nauchno-metodicheskoy konferentsii "Sovremennye estestvenno-nauchnye i gumanitarnye problemy", posvyashchennoy 40-letiyu NUK FN MGTU im. N.E Baumana [Proceedings of the scientific and methodological conference "Contemporary natural-scientific and humanitarian problems", dedicated to the 40th anniversary of SEC FS of BMSTU]. Moscow, Logos Publ., 2005, pp. 698–706.
- [7] Sobolev S.K. *Inzhenernyy zhurnal: Nauka i innovatsii Engineering Journal: Science and Innovation*, 2014, no. 1 (25). Available at: http://engjournal.ru/articles/1191/1191.pdf (accessed June 1, 2018).

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