

---

# Mathematics play education of deaf and hard-of-hearing students

© I.I. Birukova, O.V. Kulikova

Bauman Moscow State Technical University, Moscow, 105005, Russia

*The potential of the play education has long been used in teaching. The article considers the advisability of the didactic games in conducting classes for hard-of-hearing students. Three educational games on the topics of the "Analytical Geometry» and «Mathematical Analysis» courses, studied in the first year of the department of the BMSTU Center for Complex Rehabilitation of the Deaf and Hard-of-Hearing (GUIMC) are suggested as an illustration. The effect of these games on the process of teaching students with hearing impairments is analyzed.*

**Keywords:** *students with impaired hearing, the teaching of mathematics, motivation, attention, memory.*

## REFERENCES

- [1] Stanevskiy A.G., Stolyarova Z.F. *Psikhologicheskaya nauka i obrazovanie — Psychological Science and Education*, 2012, no. 2, pp. 48–58.
- [2] Stolyarova Z.F. *Rossiyskiy nauchnyy zhurnal — Russian Scientific Journal*, 2014, no. 3 (41), pp. 188–204.
- [3] Bogdanova T.G. *Surdopsikhologiya [Surdopsychology]*. Moscow, Akademiya Publ., 2002, pp. 3–203.
- [4] Bagrova I.G., et al. *Surdopedagogika [Surdopedagogy]*. Moscow, VLADOS Publ., 2004, 655 p.
- [5] Morozova V.D. *Vvedenie v analiz [Introduction to Calculus]*. Moscow, BMSTU Publ., 2003, 408 p.
- [6] Zarubin V.S., Ivanova E.E., Kuvyrkin G.N. *Integralnoe ischislenie funktsiy odnogo peremennogo [Integral calculus of one-variable functions]*. Moscow, BMSTU Publ., 2004, 528 p.
- [7] Kanatnikov A.N., Krishchenko A.P. *Analiticheskaya geometriya [Analytic geometry]*. Moscow, BMSTU Publ., 1998, 392 p.

**Birukova I.I.**, senior lecturer, Department of Mathematical Modeling, Bauman Moscow State Technical University. e-mail: verba.ru@inbox.ru

**Kulikova O.V.**, Cand. Sci., (Phys.&Math.), Associate Professor, Department of Mathematical Modeling, Bauman Moscow State Technical University.  
e-mail: olga.kulikova@mail.ru

---