
The marginal properties of simple sorting for integer arrays

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The article presents a comparative analysis of marginal speed properties which was carried out for simple sorting elements in integer arrays. We take into account the comparison, addition, transposition and saving operation.

Keywords: *sorting, speed, algorithm, integer numbers.*

REFERENCES

- [1] Knuth D. E. *The Art of Computer Programming. Vol. 3. Sorting and Searching*, 2009, 824 p.
- [2] Sedgewick R. *Algorithms in C++. Parts 1–4. Fundamentals, Data Structures, Sorting, Searching*, 2002, 688 p.
- [3] Deon A.F., Terentiev Yu.I. *Inzhenernyi zhurnal: nauka i innovatsii - Engineering Journal: Science and Innovation*, 2013, no. 6(18). Available at: <http://engjournal.ru/catalog/it/hidden/769.html>.

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