Обзор проблемы КС-достижимости

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1 Введение

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Список литературы

[1] Bradford P. G. Efficient exact paths for Dyck and semi-Dyck labeled path reachability //arXiv preprint arXiv:1802.05239. — 2018.

[2] Rytter W. Context-free recognition via shortest paths computation: a version of Valiant's algorithm //Theoretical Computer Science. — 1995. — Т. 143. — №. 2. — С. 343-352.

[3] Lee L. Fast context-free grammar parsing requires fast boolean matrix multiplication //Journal of the ACM (JACM). — 2002. — Т. 49. — №. 1. — С. 1-15.

[4] Williams V. V., Williams R. Subcubic equivalences between path, matrix and triangle problems //Foundations of Computer Science (FOCS), 2010 51st Annual IEEE Symposium on. — IEEE, 2010. — С. 645-654.

[5] Chatterjee K., Choudhary B., Pavlogiannis A. Optimal Dyck reachability for data-dependence and alias analysis //Proceedings of the ACM on Programming Languages. — 2017. — Т. 2. — №. POPL. — С. 30.

[6] Yannakakis M. Graph-theoretic methods in database theory //Proceedings of the ninth ACM SIGACT-SIGMOD-SIGART symposium on Principles of database systems. — ACM, 1990. — С. 230-242.

[7] Valiant L. General context-free recognition in less than cubic time. — 1974.

[8] David Melski and Thomas Reps. 1997. Interconvertbility of set constraints and context-free language reachability. In Proceedings of the 1997 ACM SIGPLAN symposium on Partial evaluation and semantics-based program manipulation (PEPM '97), A. Michael Berman (Ed.). ACM, New York, NY, USA, 74-89. DOI=http://dx.doi.org/10.1145/258993.259006

[9] YARD language description. Online. `http://yaccconstructor.github.io/YaccConstructor/yard.html`

[10] Rehakova K. et al. Variation in secondary structure of the 16S rRNA molecule in cyanobacteria with implications for phylogenetic analysis //Fottea. – 2014. – T. 14. – C. 161-178.