Algorithms of Classification of Mass Problems of Production Subject Domains

Eugene Malakhov<sup>1</sup>, Denys Shchelkonogov<sup>1</sup>, Vitaliy Mezhuyev<sup>2</sup>

<sup>1</sup>Department of Mathematical Support of Computer Systems Odessa I.I. Mechnikov National

University Odessa, Ukraine

<sup>2</sup>Faculty of Computer Systems and Software Engineering, Universiti Malaysia Pahang, Gambang,

Malaysia

**ABSTRACT** 

This paper develops the algorithms for classification of mass problems of production subject

domains. The criteria of the efficiency of control of productions subject domains are

introduced. The classes of mass problems, trees of the states of production subject domains

and operations on them are introduced.

**KEYWORDS** 

Subject domain; subject domain state; mass problems; relational databases, data mining

**DOI:** https://doi.org/10.1145/3316615.3316676

## **REFERENCES**

- [1] Malakhov E.V. 2010. Expansion of operations on subject domains metamodels taking into account the mass problems. *Eastern-European journal of enterprise technologies*, Vol. 5/2 (47), 20-24. (in Russian).
- [2] Malakhov E., Shchelkonogov D. 2016. Production Subject Domains. In *Proceedings of the 2016 International Conference on Electronics and Information Technology (EIT 2016)* (Odessa, Ukraine, May 23-27 2016), 87-92.
- [3] Filatov V., Doskalenko S., 2018. On the approach to searching for functional dependences of data in relational systems. *Innovative technologies and scientific solutions for industries*.1 (3) (2018), 54-58.
- [4] I. J. Nagrath, M. Gopal. 2008. Control systems: engineering, (5th ed.). Anshan Publishers. 900 p.
- [5] Malakhov E., Shchelkonogov D. 2015. Stability and inevitability of connections of subject domains. *Electrotechnic and Computer Systems*, 19 (95) (2015), 174-177.

[6] ...