# ANNOTATION

for the graduate work of Grytsuk Artem Serhiyovich

on the point: «Database optimization via DBMS PostgreSQL 9»

Graduate work covers analysis of different approaches to the database optimization. Mechanisms classification due to optimization area is presented. Accurate and erroneous strategies are cited. Different methods are covered in theory, with possible positive and negative application results specified, as well as effectiveness estimations in different conditions. By example of test database different methods were implemented, test effectiveness measurements were obtained. Also different program tools, which can be used while optimizing database, are covered. Given graduate work is recommended for use as a manual during database optimization.

Total volume of the work: 88 pages, main part – 70 pages, 33 illustrations, 1 table, 1 appendix, 9 bibliographic titles.

Keywords: PostgreSQL, SQL, optimization, database, DBMS, adjustment, query, partitioning.