ANNOTATION

for the graduate work of Lunchenko Olena Oleksandrivna
on the point: «Data integration in the semantic Grid»

Graduate work covers analysis of existing methods of data integration in the semantic Grid. The specialties of consolidation heterogeneous information using the Semantic Grid are covered. Various methods of data integration are analyzed, their features, implementation and benefits are described. Also, the approach to data integration based on the use of subject mediators is covered. There is made a comparative analysis of methods of automated information integration, which are based on existing implementations, using Grid instrument . The recommendations for the Ukrainian World Data Center of Geoinformatics and Sustainable development are presented.

Total volume of the work: 88 pages, main part - 74 pages, 24 illustrations,, 1 table, 15 bibliographic titles..

Keywords: data integration, Semantic Web, Semantic Grid, semantics, ontology, subject mediators, mapping language, Geoinformatics, SDI-Grid, SAS ® Data Integration Studio.