



## 2015-2016 “Development of opinion-mining tool for getting citizens’ assessment on government activities”

(ITMO University applied research program for young scientists)

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### Project Annotation

The aim of this work is to develop an Opinion Mining tool for the study of public opinion about government activities.

Opinion mining tool’s development is based on the application of a domain ontology and a linguistic processor AIIRE.

The following elements are created during the project:

1. The methodology of public opinion study about federal authorities’ activities;
2. The domain ontology of the research field;
3. Analytical software package for the analysis of public opinion dynamics about the activities of the federal bodies based on computer linguistic expertise;
4. The mathematical model of evaluation semantics functioning.

The program automatically assigning texts to the areas of public services, the public authorities to provide them and the regions of the Russian Federation "KPOGV Aire" (Certificate of state registration of the computer from №2016610759 01/19/2016) - As a result of the work of the first phase (2015) was registered RID .

#### Keywords:

Opinion mining, linguistic tool, mathematical model, semantics.

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