



Politechnika Wrocławska

**Faculty of Computer Science and Management**

Field of study: **COMPUTER SCIENCE**

## Bachelor Thesis

### Web-based System for the Extraction of Collocations from Corpora of Polish Texts Equipped with a Mechanism for Auto-tuning on Training Data.

Igor Danielewicz

keywords:

Extraction of collocations  
Particle Swarm Optimization  
C-value association measure

short summary:

Thesis describe process of improving web based system for extraction of collocations called MeWeX. At first it introduces the system itself, its structure and functioning. Next chapters present all steps which were performed in order to improve quality of the MeWeX, that includes: performing unit tests, implementing new association measure, implementing new algorithm for tuning weights and training on new data.

Supervisor	.....	.....	.....
	Title/ degree/ name and surname	grade	signature
The final evaluation of the thesis			
Przewodniczący Komisji egzaminu dyplomowego	.....	.....	.....
	Title/ degree/ name and surname	grade	signature

For the purposes of archival thesis qualified to: \*

- a) Category A (perpetual files)
- b) Category BE 50 (subject to expertise after 50 years)

\* Delete as appropriate

stamp of the faculty

Wrocław 2018

