PROPOSAL OF THESIS TOPIC FOR MGR INŻ. (MSE) PROGRAMME IN TELECOMMUNICATIONS AND COMPUTER SCIENCE

Topic: Automated speaker recognition

Topic in Polish: Automatyczne rozpoznawanie mówcy.

Supervisor: Krzysztof Ślot

Auxiliary supervisor:

Goals and scope of the work:

An objective of the dissertation is to implement a standard automated speaker recognition algorithm. The procedure involves three phases that are common for pattern recognition domain. The first one is signal preprocessing, including signal windowing and emphasizing of speaker-individual signal properties. The second phase is concerned with description of speech segments by means of quantitative features, whereas the last phase involves classification of the derived feature vectors.

Prerequisites (e.g. experience in writing programs in a computer language or knowledge of a foreign language):

Programming in JAVA or Matlab, signal processing basics.

Literature:

To be announced.

Łódź, 2009-05-29

Supervisor’s signature

THESIS TOPIC SELECTION ACKNOWLEDGMENT

Student’s name: ___________________________________________ Student’s ID___________

Faculty: ________________________

Main subject/major/module: ____________________________________________

Date and student’s signature

Supervisor’s signature