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

Topic: Segmentation of the 3D liver images

Supervisor: Michał Strzelecki

Goals and scope of the work:

The objective of this work is to develop algorithms for segmentation of liver region in the 3D MRI images. Segmentation methods would include threshold, region growing, neural network based approaches.

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

Experience in one of object oriented language like C++ or Delphi.

Literature:

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Łódź, 2009-06-04

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