ET4283: Advanced Digital Image Processing Final Project on “Image Segmentation”

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1 Introduction

Paragraph 1

Paragraph 2

Paragraph 3 …

2 Region Based Approaches

2.1 Gradient of Oriented Histograms

2.2 Morphological Watershed Segmentation

3 Approach to Estimate the Oriented Gradient

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4 Morphological Watershed Segmentation

To set a standard for the style…

5 Discussion

This section

6 Checklist

Use this checklist in preparation to fulfill the examination requirements.

1. enroll as a student in ET4283 using BlackBoard during the first week of course
2. attend all lectures and study the appropriate material in both text books
3. perform a student project that is assigned to you (and your course partner) by the course instructors
4. prepare a written report for the student project using the LNCS styles as described in this document. Do not use more than 4 pages of text and formulas including the front page. You can add 2 pages with figures and tables.
5. submit *at least 5 working days before the examination* an electronic version of your manuscript in MS Word to the appropriate drop-down box of ET4283’s Web site in BlackBoard and by e-mail to the course lecturers.
6. submit, if possible, a PDF file of the report. Include the fonts in the PDF file.
7. prepare a presentation in MS Powerpoint using the provided style Powerpoint\_ENG.zip. Your presentation cannot be longer than 8 sheets including the title and conclusions and should be focused on the essentials.
8. submit your presentation together with your report *at least 5 working days before the examination*.
9. present your work (in teams of two students) in maximal 20 minutes.
10. hand in your written comments and/or questions regarding two other student projects (that you will receive four days before the examination date) at the examination? session.

References

1. Arbelaez, P., Maire, M., Fowlkes, C., & Malik, J. (2011). Contour detection and hierarchical image segmentation. Pattern Analysis and Machine Intelligence, IEEE Transactions on, 33(5), 898-916.

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