

Exercises: Pattern Recognition

Schedule

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| 17.09 | – | |
| 24.09 | (S) Probability Refresher, Ex 1 | <i>Dennis</i> |
| 01.10 | Exercise 1: Normal distribution (discussion only) | <i>Dana, Dennis, Adam</i> |
| 08.10 | (S) Ex 2 | <i>Dennis</i> |
| 15./16.10 | Exercise 2: Skin detection with Normal distributions and Gaussian mixtures | <i>Dana, Dennis, Adam</i> |
| 22.10 | (S) Ex 3 | <i>Dennis</i> |
| 29./30.10. | Exercise 3: Classification with SVMs | <i>Dana, Ghazi, Adam</i> |
| 05.11 | (S) Ex 4 | <i>Dennis</i> |
| 12./13.11 | Exercise 4: Logistic Regression and Naïve Bayes | <i>Dana, Dennis, Adam</i> |
| 19.11 | (S) Ex 5 | <i>Dennis</i> |
| 26./27.11 | Exercise 5: Shape Models (PCA) | <i>Dana, Ghazi, Dennis</i> |
| 03.12 | (S) Ex 6 | <i>Dennis</i> |
| 10./11.12 | Exercise 6: Neural Networks | <i>Dana, Dennis, Adam</i> |
| 17.12 | (S) General discussion and problems | <i>Dennis, Adam</i> |

- (S): “Seminar”, questions & discussion, **Monday 14 – 16** in U1.001
- Gray lines: Presentation of exercises in U1.001, **Monday 14 – 16** and **Tuesday 08 – 10** according to the group schedule (15 minutes only)
- One of us will be present during the discussion sessions to answer student questions
- New exercises are put online on Tuesdays after the last exercise has been examined

Grading

- We have a catalog of questions to answer, mixed theory and code results
- Points are rewarded for good answers, not for code
- All group members need to show up for presentation
- Students can be graded individually in a group – all should have a good understanding of the complete exercise
- The presentation is 15 minutes maximum. Show up prepared with a running program and an overview of all results. Contact us early if you have compiler issues etc.