

# TODO

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September 14, 2015

## **Ch:1 Intro**

1. Bring the brief goal at the beginning
2. Affymatrix image

## **Ch:2 Pro TFA**

1. Update draft
2. Markov property in appendix

## **Ch:3 GP**

1. Add Brownian kernel : <http://www.biostat.umn.edu/baolin/teaching/probmods/ipm-ch10.html>
2. Add Cosine kernel
3. GP properties: Add multiplication

## **Ch:4 TFA GP**

1. Update draft

## **Ch:5 Clustering**

1. Mitochondria
2. explanation of Pathway analysis
3. include description of table and figure
4. describe Figure C.elegans

## **Ch:6 Conclusion**

1. Write

## **Appendix**

1. SVD
2. PCA
3. GP property - Dei 10/166 Gir04.pdf 127
4. Markov property in appendix for Chapter 2
5. <http://www.robots.ox.ac.uk/~mebden/reports/GPtutorial.pdf>
6. ThesisMalte\_[0].pdf

## **Overall**

1. Acknowledgement
2. Check Figure/Equation font
3. Check Figure explanation
4. Notation as
5. UCL-b2 Cholesky decompositions
6. Bayesian parametric modelling Gir04.pdf 24