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**MRF & CRF Fusion**

**General, in Remote Sensing, in hyperspectral**

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**Morphological Profiles**

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TO DO:

* Read the CRF papers
* See the MLR cross validation issue  
  Books: Elements of Statistical Learning and Introduction to Statistical Learning  
  Parameter estimation:  
  Leave one out cross validation where internally for every (cross validation) error computation my optimization method is called to optimize the beta parameters? The beta params with the minimum cv error are selected and used in the prediction/test phase.
  + Check the derivative: compare my with the one from the book
* Read the Chapter 12: Decision Fusion for Hyperspectral images in the folder:  
  D:\Documents\Remote Sensing\Decision Fusion
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* Find reference for: HYPERSPECTRAL IMAGE FUSION  
  by Charis Lanaras, Emmanuel Baltsavias, Konrad Schindler
* Split up the papers in more details: MRF for General Remote Sensing, for hyperspectral classification & segmentation, MRF fusion for General Remote Sensing, for ….