CSCI 181 / E-181 Spring 2014

2nd midterm review

David Wihl

davidwihl@gmail.com

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1   Max-Margin Classification

Bishop 6.0-6.2

Course notes - maxmargin

Section 7

2   Support Vector Machines

Bishop 7.0-7.1

Section 8

3   Markov Decision Processes

Course notes - MDP

Section 9

3.1   Partially Observable MDP

Course notes - POMDP

Section 10

3.2   Hidden Markov Models

Bishop 13.0-13.2

3.3   Mixture Models

Bishop 9.0-9.2

4   Reinforcement Learning

Course notes - RL

Section 9

4.1   Value and Policy Iteration

Course notes - policyiter

5   Expectation Maximization

Bishop 9.3

Section 11