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# Machine Learning

## Answer Sheet for Homework 7

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January 6, 2016

**Problem 1**

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**Problem 2**

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**Problem 3**

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**Problem 4**

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**Problem 5**

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**Problem 6**

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**Problem 7**

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**Problem 8**

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**Problem 9**

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**Problem 10**

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**Problem 11**

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**Problem 12**

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**Problem 13**

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### Problem 14



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### Problem 15



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### Problem 16



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### Problem 17



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### Problem 18



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### Problem 19



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### Problem 20



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## Reference

- [1] Lecture Notes by Hsuan-Tien LIN, Department of Computer Science and Information Engineering, National Taiwan University, Taipei 106, Taiwan.