

# Indian Institute of Science

E9-253: Neural Networks and Learning Systems-I

Instructor: Shayan Srinivasa Garani

Home Work #3, Spring 2019

Late submission policy: Points scored = Correct points scored  $\times e^{-d}$ ,  $d = \#$  days late

**Assigned date:** March 08<sup>th</sup> 2019

**Due date:** March 19<sup>th</sup> 2019 in class

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PROBLEM 1: Solve 5.4 and perform the experiments 5.10 and 5.11( $a, b, c$ ) from the book Neural Networks and Learning Machines (third edition) by Simon Haykin. (100 pts.)