

# Indian Institute of Science

CCE: Neural Networks for Signal Processing-1

Instructor: Shayan Srinivasa Garani

TA: Prayag Gowgi

Home Work #5, Spring 2017

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

**Assigned date:** April 29<sup>th</sup> 2017

**Due date:** May 9<sup>th</sup> 2017 in class

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PROBLEM 1: Solve problems 8.5, 8.15, 8.17 from Haykin's book 3<sup>rd</sup> edition. (80 pts.)

PROBLEM 1: Solve problem 8.18 from Haykin's book 3<sup>rd</sup> edition. (Bonus points) (20 pts.)