## Indian Institute of Science

E9-252: Mathematical Methods and Techniques in Signal Processing

Instructor: Shayan G. Srinivasa

Home Work #2, Fall 2015

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

Assigned date: Sep. 10<sup>th</sup> 2015

**Due date:** Sep.  $17^{\text{th}}$  2015 before the day ends.

PROBLEM 1: Solve problems 4.1, 4.9, 4.13, 4.18, 4.19, 4.22, 4.26, 5.2, 5.9 and 5.14 from P. P. Vaidyanathan's book. (100 pts.)