

Indian Institute of Science

E9–252: Mathematical Methods and Techniques in Signal Processing

Instructor: Shayan G. Srinivasa

Homework #6, Fall 2017

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

**Assigned date:** Oct. 9<sup>th</sup> 2017

**Due date:** Oct. 16<sup>th</sup> 2017 by end of the day

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**PROBLEM 1:**

Solve problems 3.19, 3.20 and 3.21 from P. P. Vaidyanathan's book.