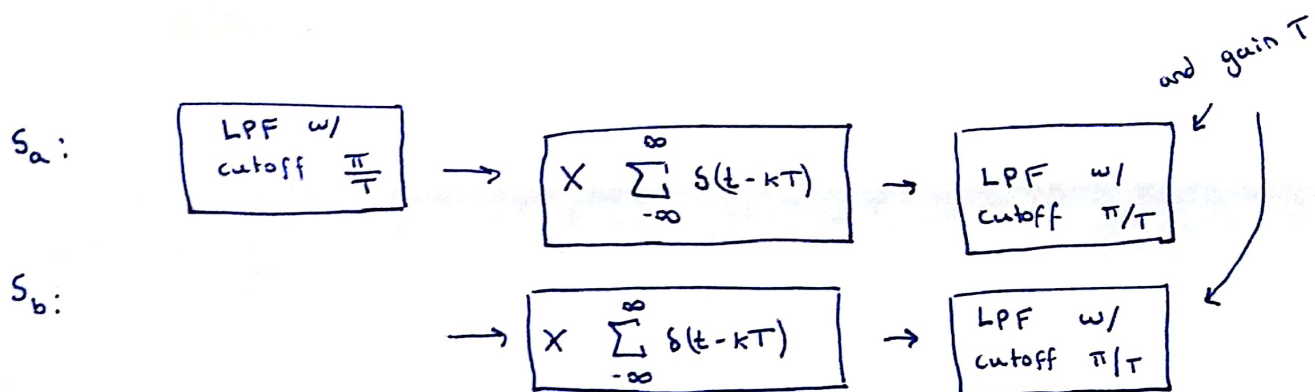


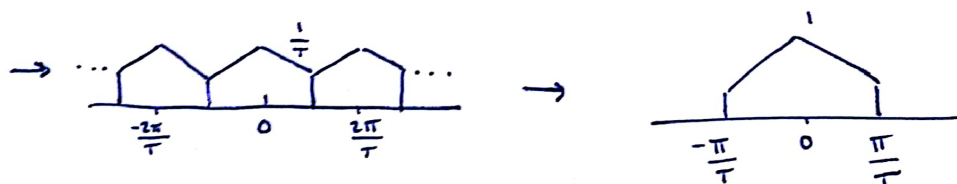
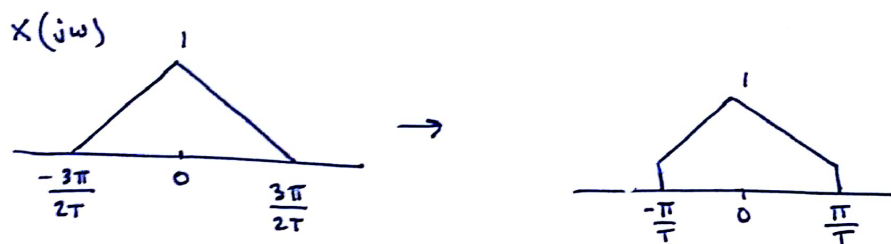
# Recitation 12

1. Consider the following two communication channels. Which one is preferable? Justify your answer.



Soln:

$S_a$  is preferable because it avoids aliasing by using a prefilter.



$S_b$

