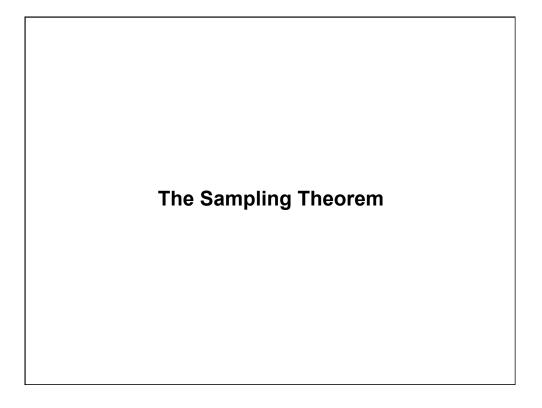
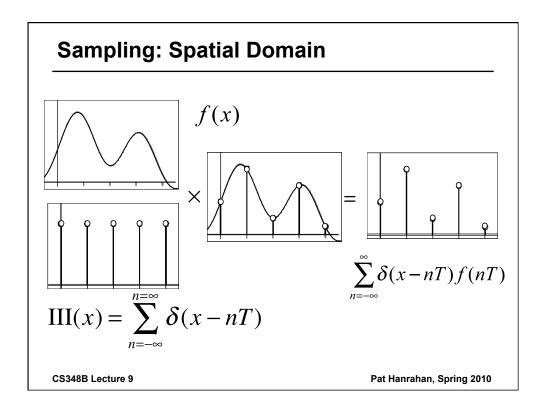
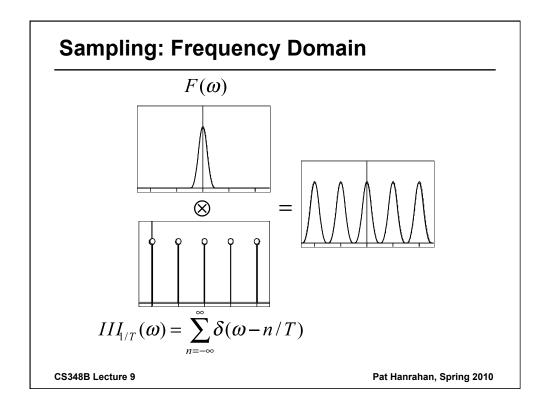
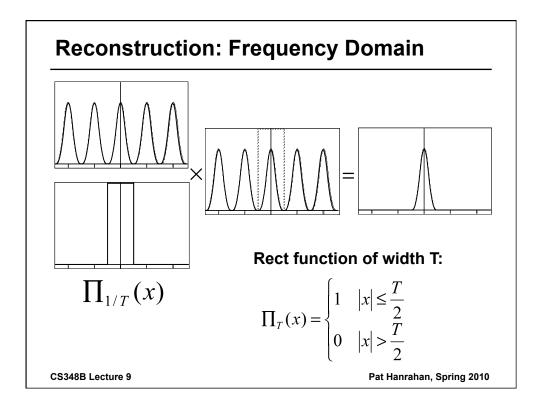


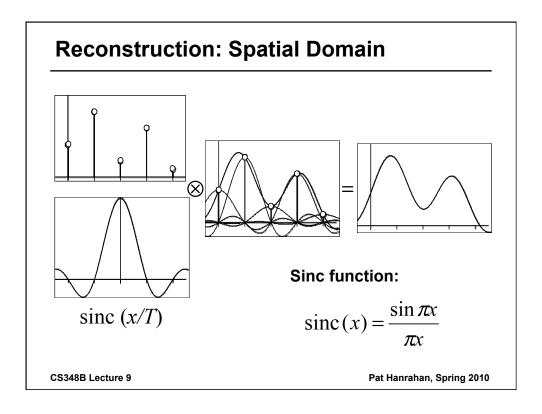
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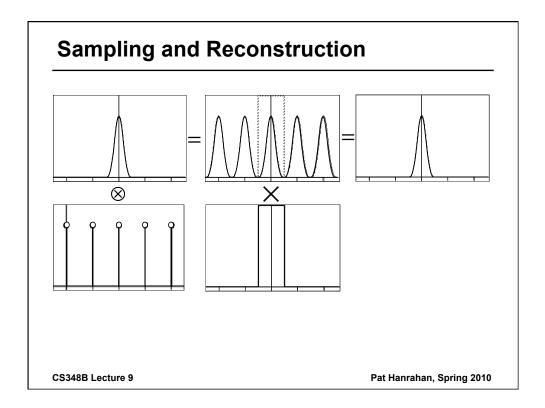




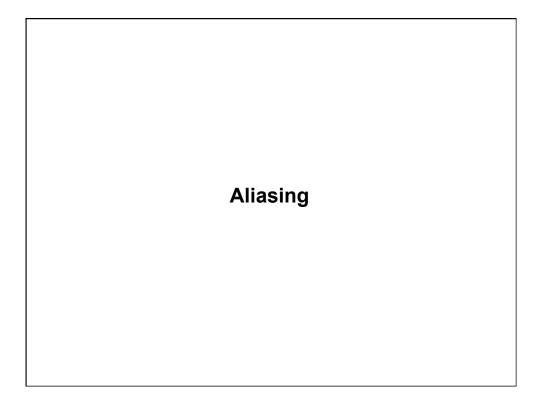


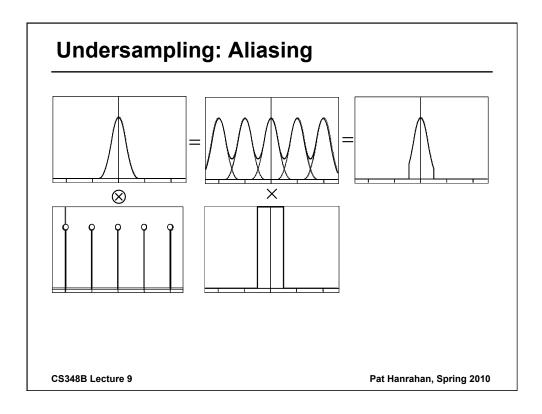


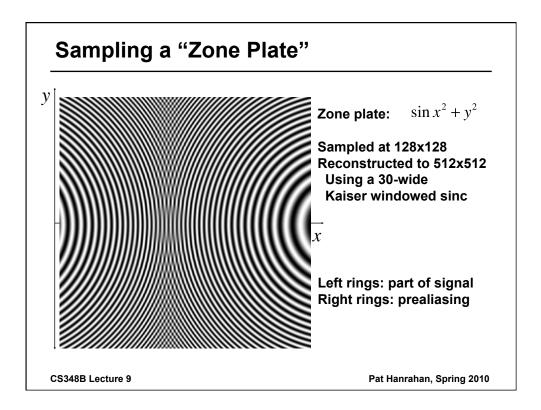


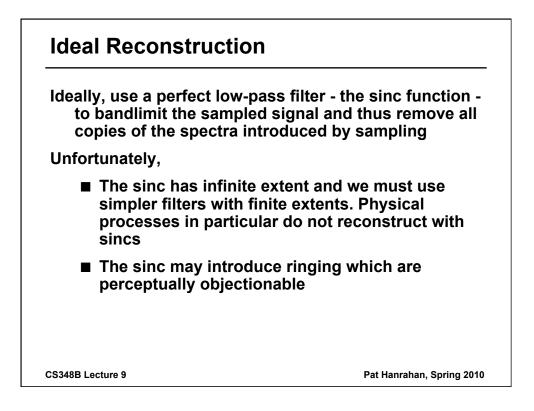


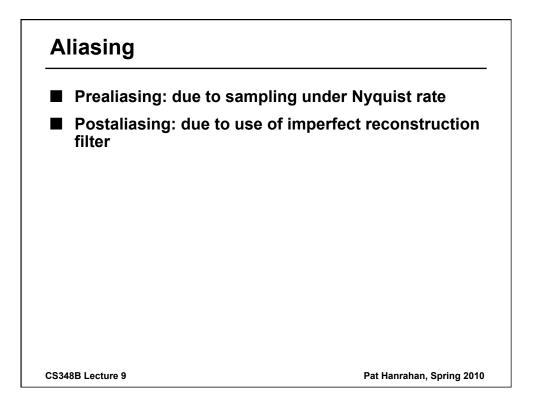
Sampling Theorem	
This result if known as the due to Claude Shannon 1949	Sampling Theorem and is who first discovered it in
A signal can be recons	tructed from its samples
without loss of informa	ation, if the original
signal has no frequene	cies above 1/2 the
Sampling frequency	
For a given bandlimited fur sampled is called the N	•
CS348B Lecture 9	Pat Hanrahan, Spring 2010

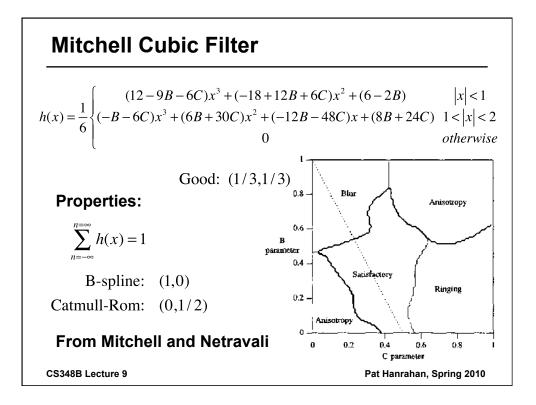


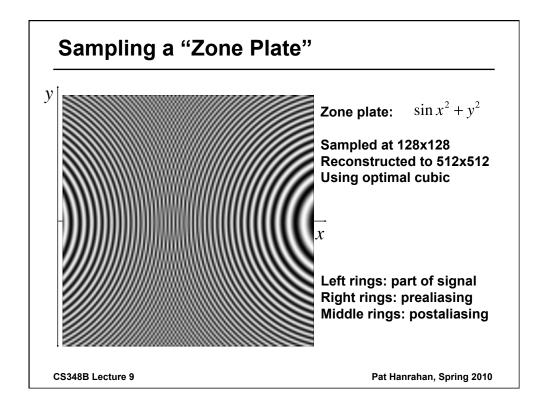












Antialiasing

