



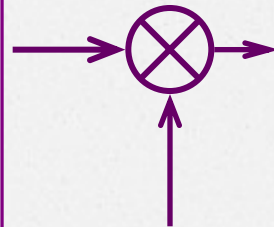
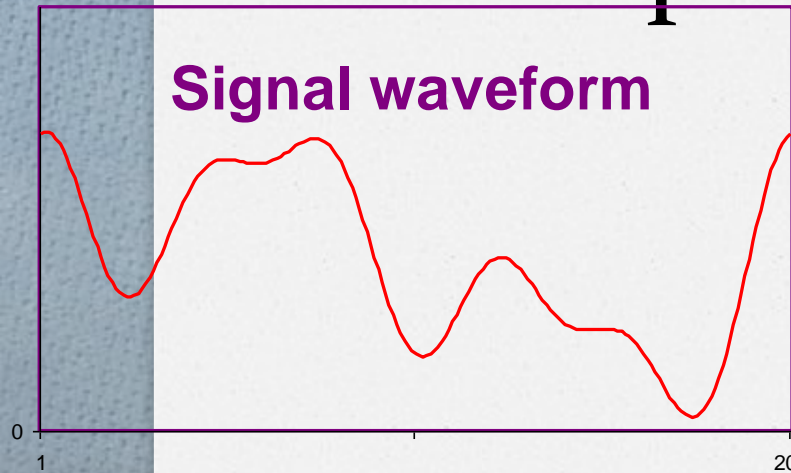
Digital Signal  
Processing- Lecture 7

# Topics to be covered:

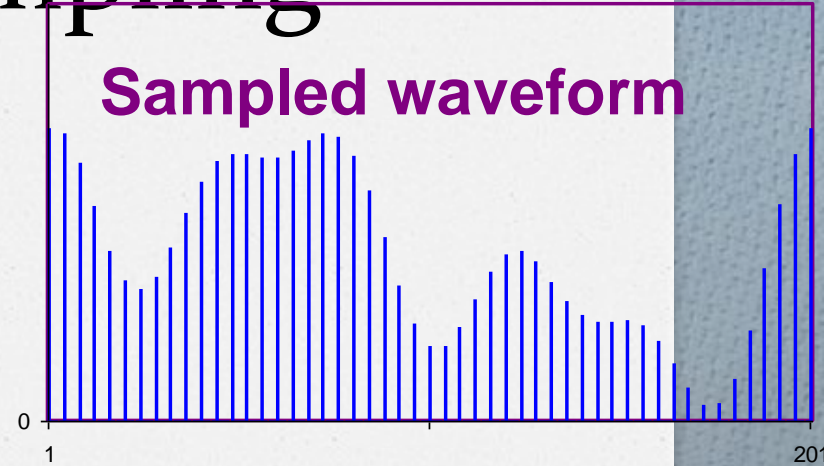
- Sampling theory

# Impulse Sampling

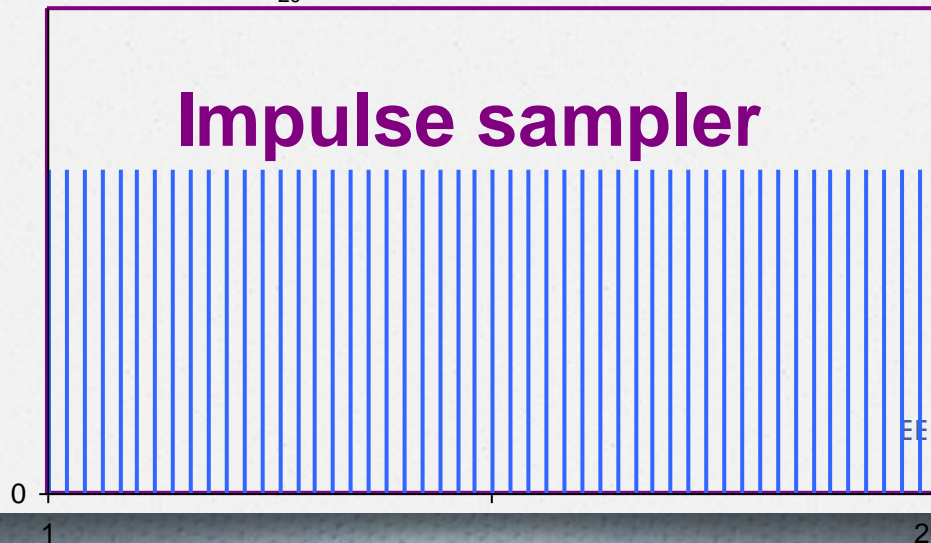
Signal waveform



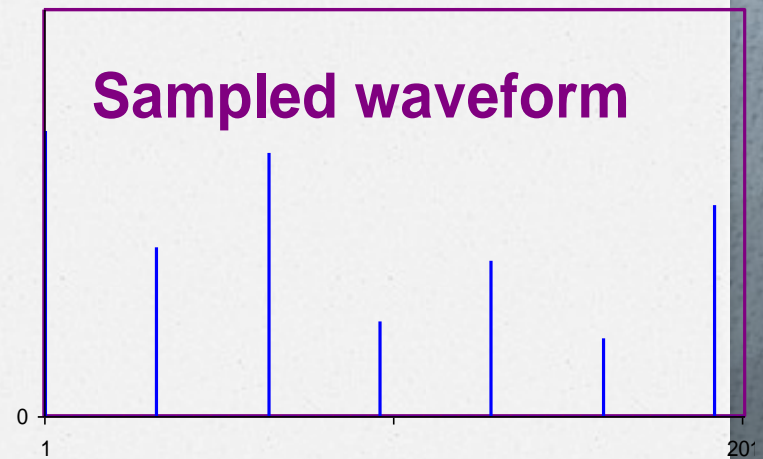
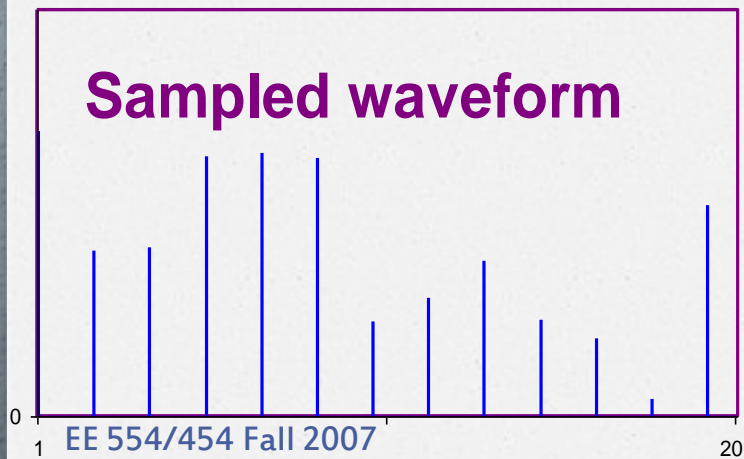
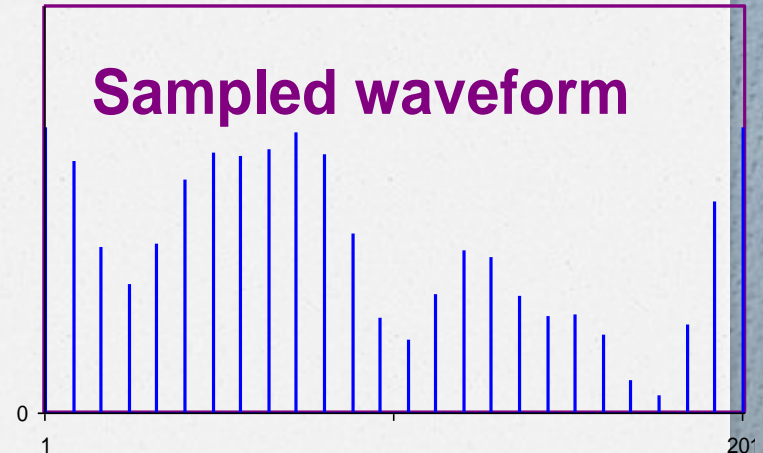
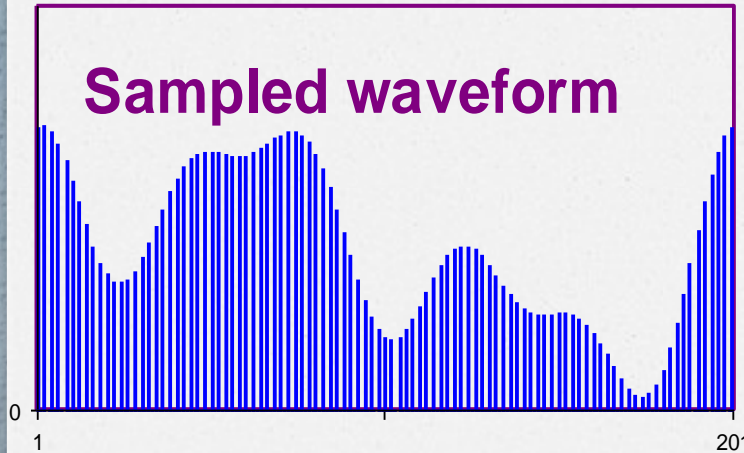
Sampled waveform



Impulse sampler



# Impulse Sampling with increasing sampling time $T$



# Aliasing

