

## **Readings for Week 4: Sampling**

### Coherence:

*High-Resolution Radar by Donald R. Wehner*  
pp. 469 - 480

### Information:

*The Mathematical Theory of Communication by Claude Shannon & Warren Weaver*  
pp. 64 - 73

### Nyquist Criterion:

*Signal Processing and Linear Systems by B.P. Lathi*  
pp. 319 - 325, 335 - 337

### Aliasing:

*Signal Processing and Linear Systems by B.P. Lathi*  
pp. 325 - 330

### The Fast Fourier Transform:

*Signal Processing and Linear Systems by B.P. Lathi*  
pp. 338 - 357