

PHYS 233A, ECE 237A, PHYS 147A

Lecture #3

LINEAR SYSTEMS - 1

Concepts to be learned:

1. Definition of Linearity
2. Impulse response- point spread function (PSF)
3. Shift Invariance
4. Transfer function
5. Modulation transfer function (MTF)
6. Linear filters

Reading assignment:

Barrett, Chapter 2, Castleman Chapter 11

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