

ECE 3163 – Signals and Systems

Textbook: E. W. Kamen and B. S. Heck, Fundamentals of Signals and Systems Using the Web and Matlab, 2nd ed., Prentice Hall, 2000. ISBN: 0-13-017293-6.

I. Differential and Difference Equations

- A. System Properties
- B. Classical Analysis
 - 1. Natural Response
 - 2. Forced Response
- C. Recursive Simulation of Discrete-Time Systems

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- A. Impulse Response
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- A. Single-Sided and Double-Sided Line Spectra
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