Digital Signal Processing

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Lecture 9

D-to-A Conversion

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READING ASSIGNMENTS

- This Lecture:
 - Chapter 4: Sections 4-4, 4-5
- Other Reading:
 - Recitation: Section 4-3 (Strobe Demo)
 - Next Lecture: Chapter 5 (beginning)

LECTURE OBJECTIVES

- FOLDING: a type of ALIASING
- DIGITAL-to-ANALOG CONVERSION is - Reconstruction from samples
 - SAMPLING THEOREM applies
 - Smooth Interpolation
- Mathematical Model of D-to-A
 - SUM of SHIFTED PULSES
 - Linear Interpolation example



































































