

INTRODUCTION TO EECS II DIGITAL COMMUNICATION SYSTEMS

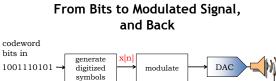
6.02 Spring 2012 Lecture #9

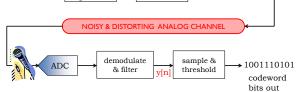
- · Transmitting on a Physical Channel
- Bits to Samples
- · Modulation and Demodulation

Eye Diagrams

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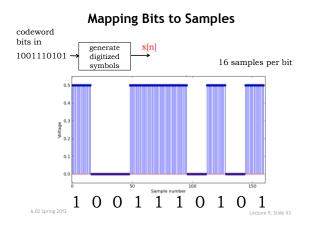
Lecture 9, Slide #1

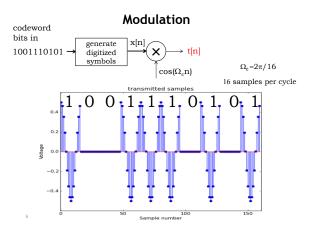




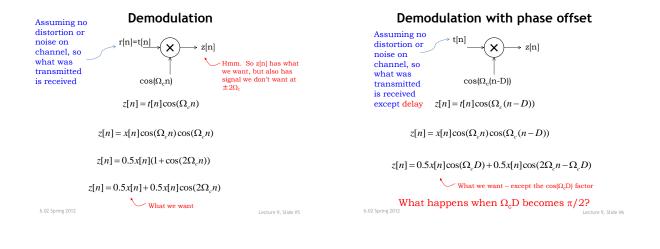
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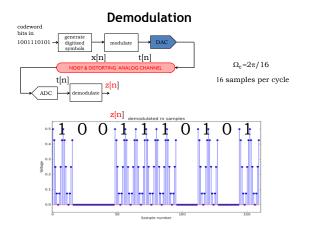
Lecture 9, Slide #2

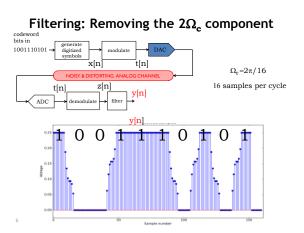




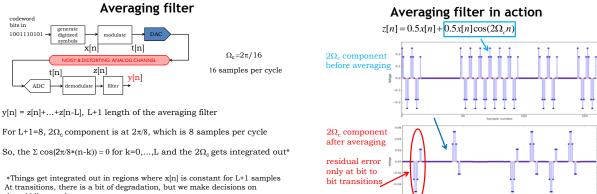
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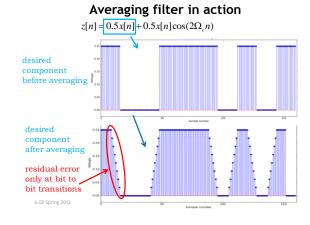
2



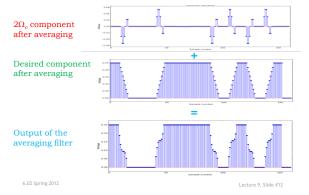
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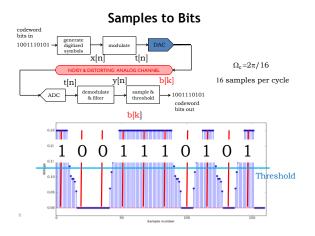
the middle samples

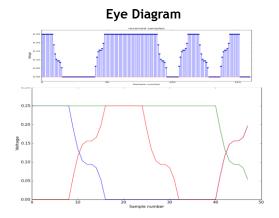


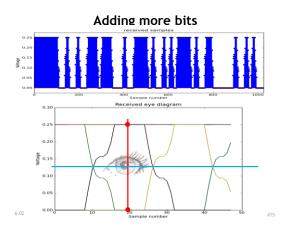


Averaging filter in action

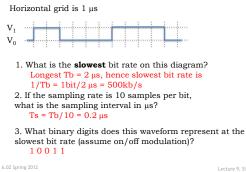












Lecture 9, Slide #16