

EE521 Analog and Digital Communications

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Texts:

- Bernard Sklar, Digital Communications, Second Edition, Prentice Hall P T R, 2001 (2004 printing), ISBN 0-13-084788-7
- Digital Communication Systems Using SystemVue, by Dr. Silage, ISBN 1-58-450850-7

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1 EE521 Course End-Game

Plans for completion of EE521 for Spring 2006 follow.

1.1 Critical Dates

- April 26, 2006 – TERM PROJECT DUE. You will need to do a demo. Bring the file; I will run it on my laptop. You will also need your final report and a short presentation. You will have a maximum of 20 minutes total.
- May 3, 2006 – STUDY DAYS; no scheduled class but I will come for a review and study session with you if you like.
- May 10, 2006 – FINAL EXAM here in this room at the usual class time.

1.2 EE551

We will address Sklar's Chapters 5 and 8 and the remainder of Chapter 9 in addition to the remainder of selections from Sklar as given in the Synopsis. See the EE551 course web page on <http://temple.jkbeard.com> for the synopsis.

2 Term Project Demonstrations

2.1 BER Curves

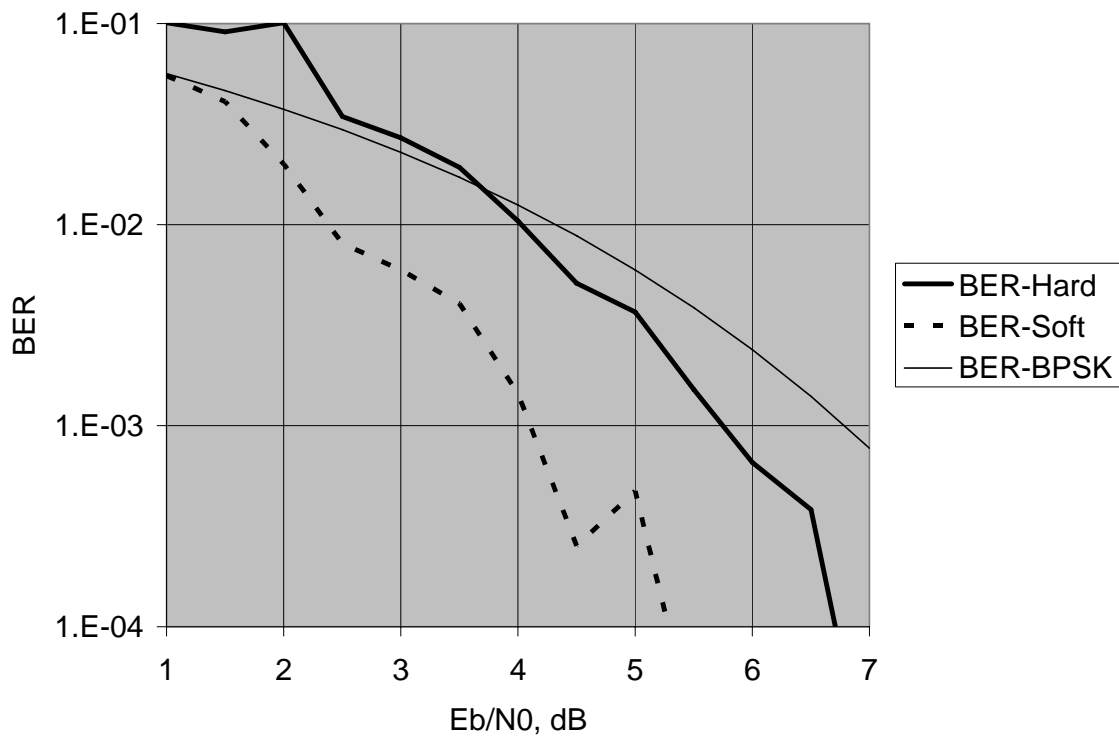


Figure 1 BER Curves for Hard and Soft Decoding

2.2 Presentation Schedule

Table 1 Term Projects Presentation Schedule

Start	End	
6:00 PM	6:06 PM	Instructor; Introductory Remarks
6:05 PM	6:20 PM	Mease
6:20 PM	6:40 PM	Regimbal
6:40 PM	7:00 PM	Subbaroyan
7:00 PM	7:10 PM	Thurston
7:10 PM	7:30 PM	BREAK
7:30 PM	7:50 PM	Vuppuluri
7:50 PM	8:10 PM	Yelamanchili
8:10 PM	8:20 PM	Discussion; demo of Instructor's SystemView file