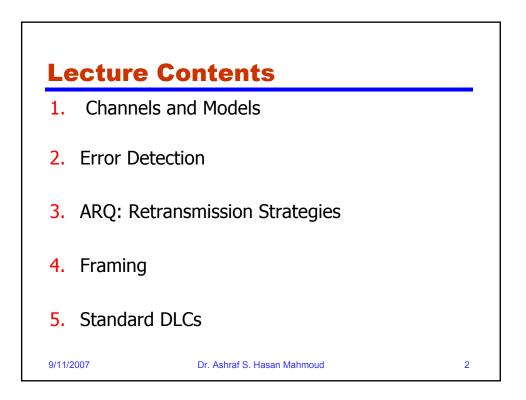
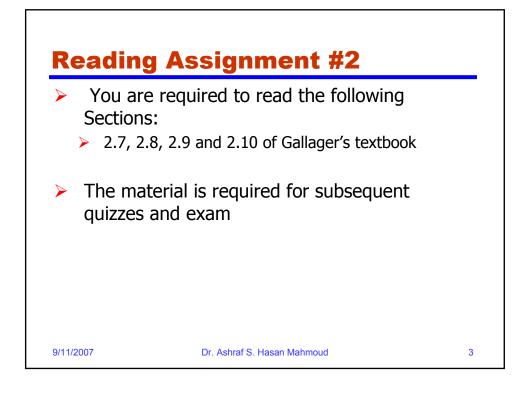
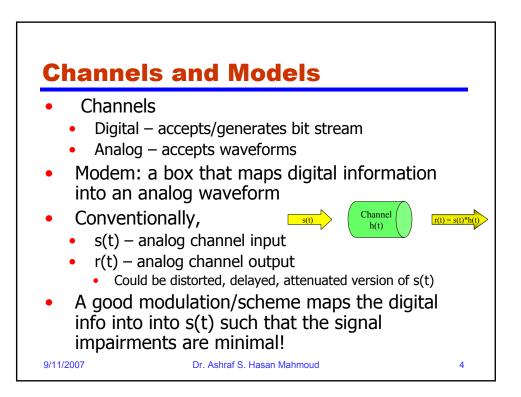
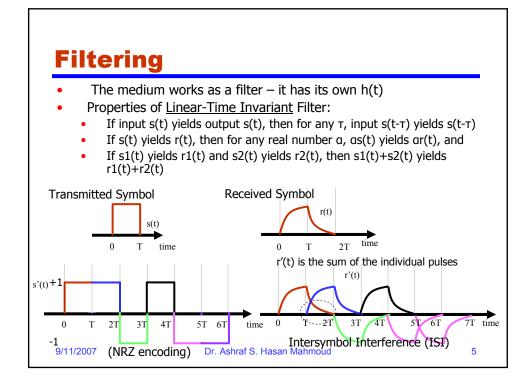
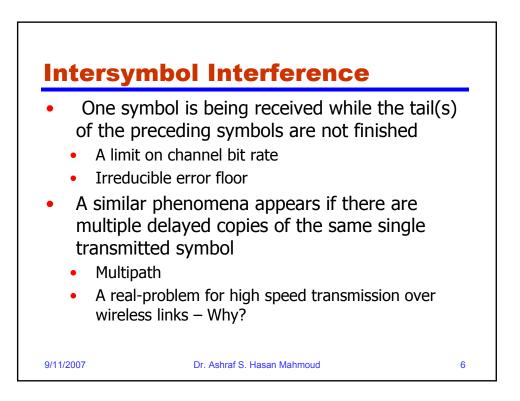
King Fahd University of Petroleum & Minerals Computer Engineering Dept	
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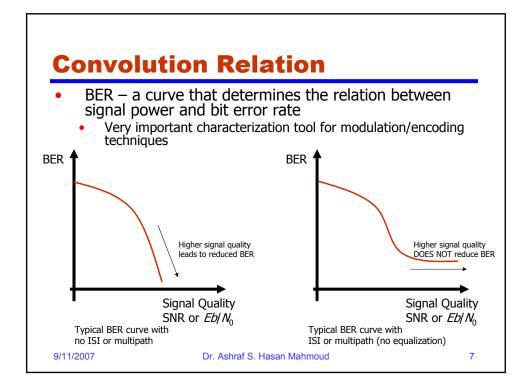


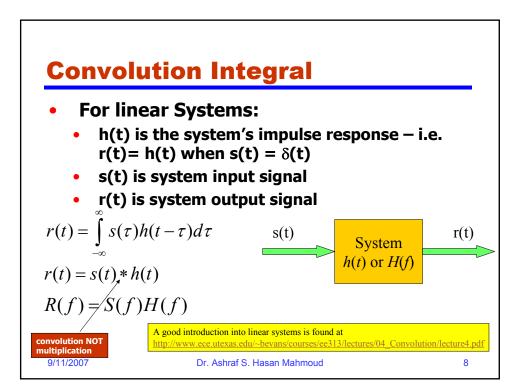


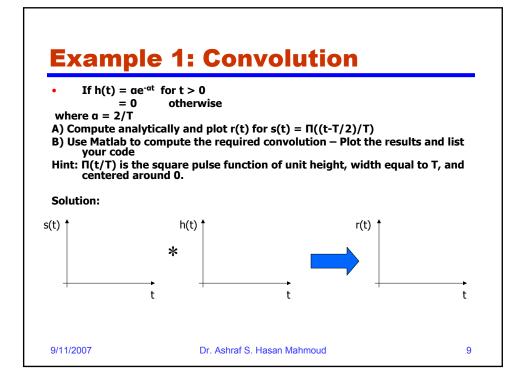


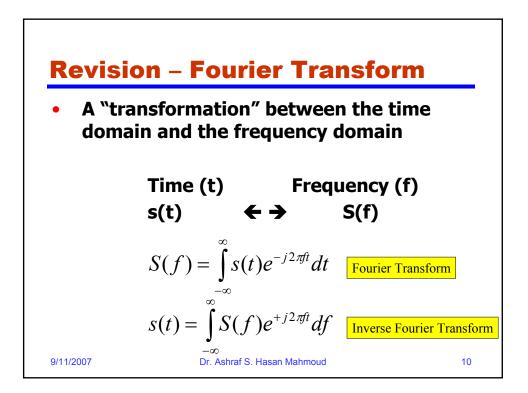


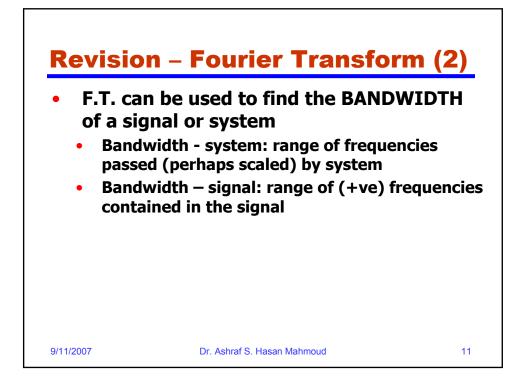


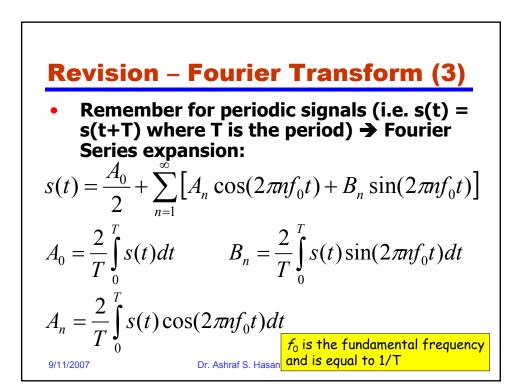


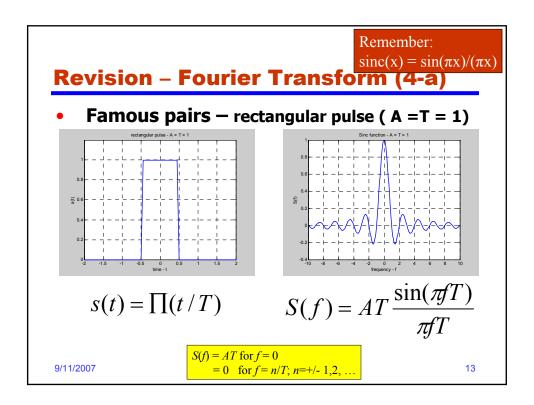


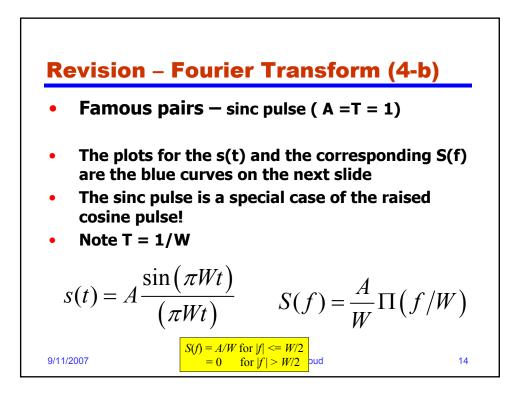


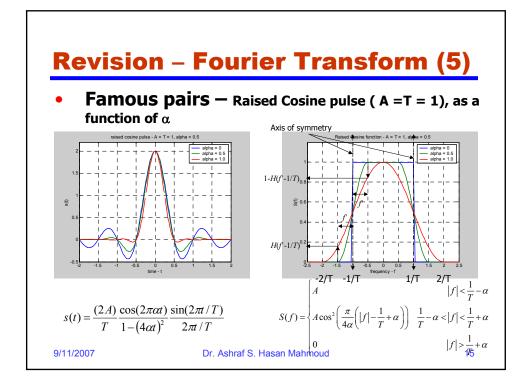


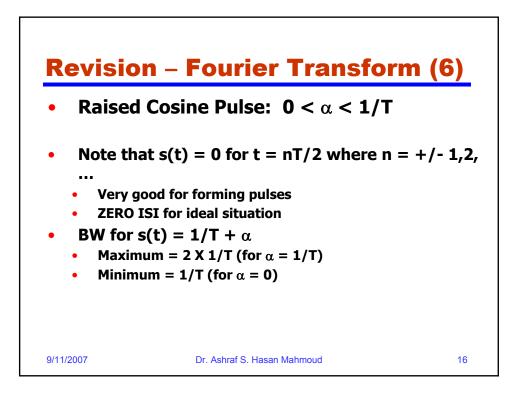


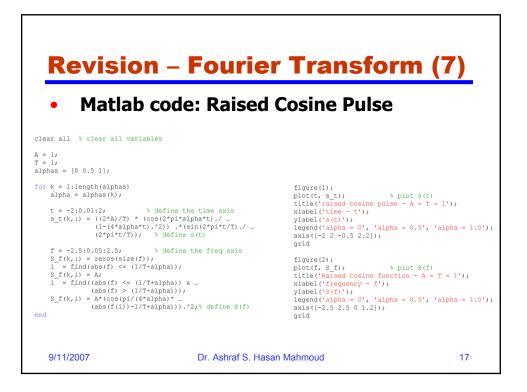


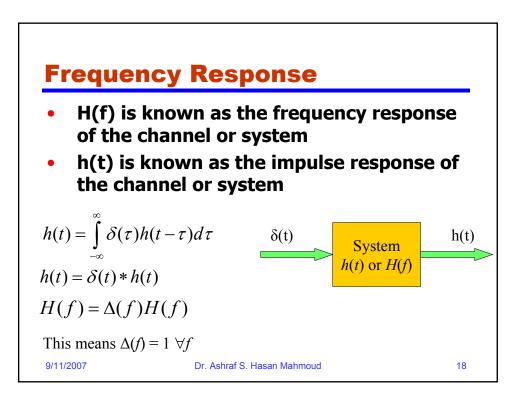


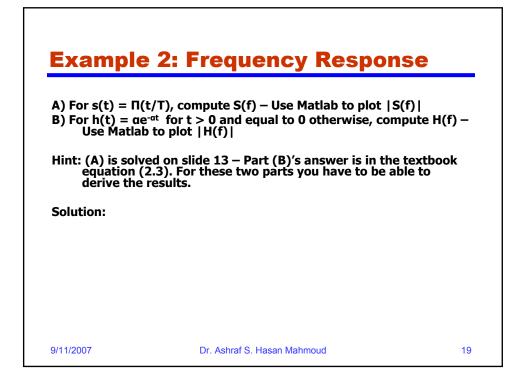


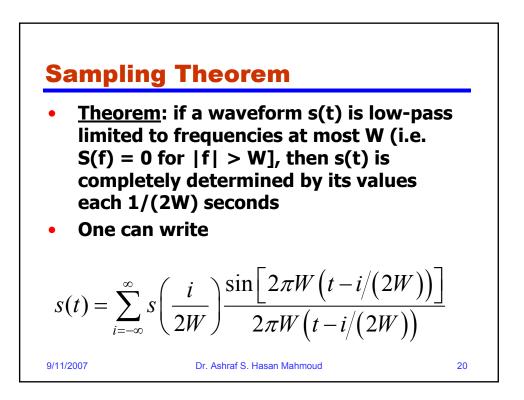


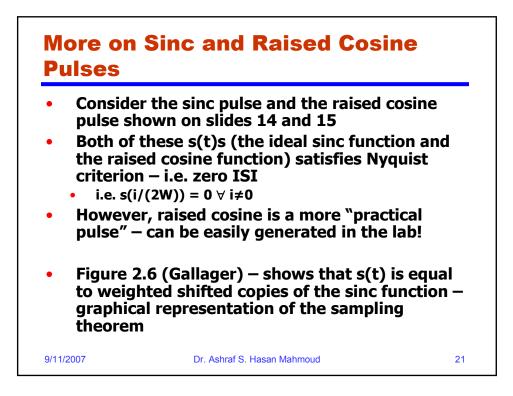


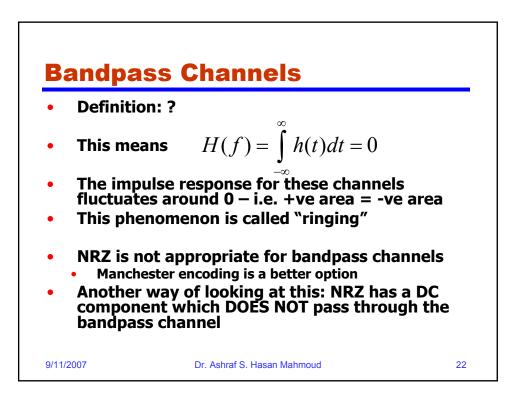


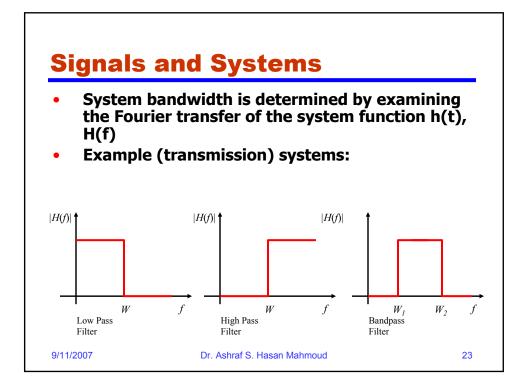


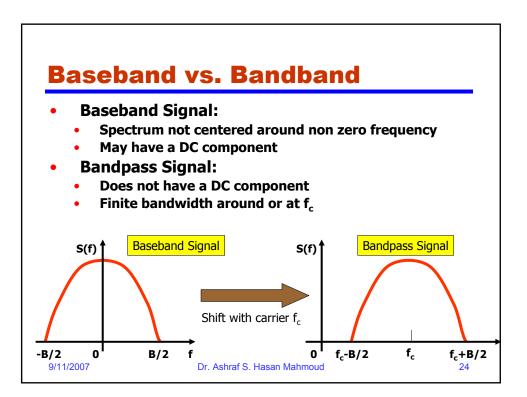


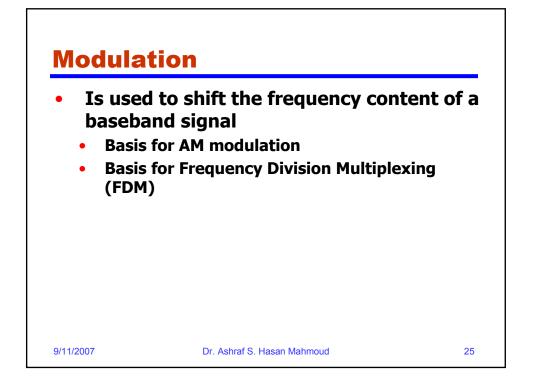


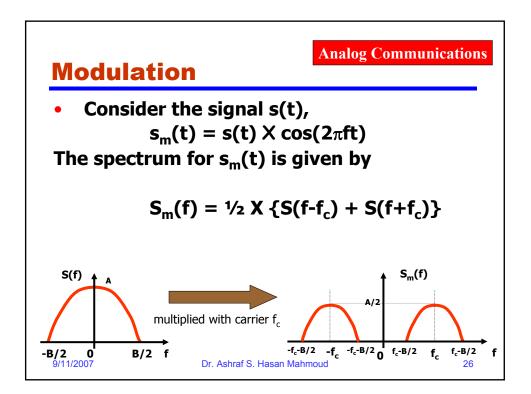


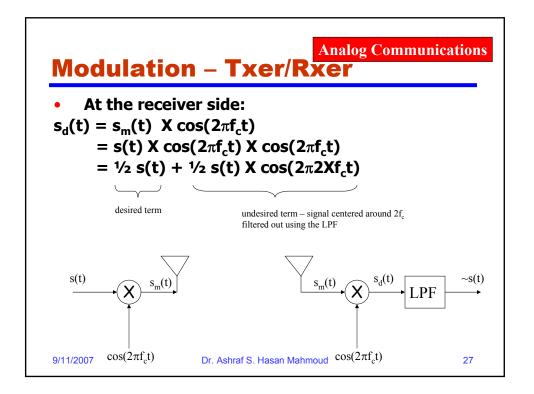


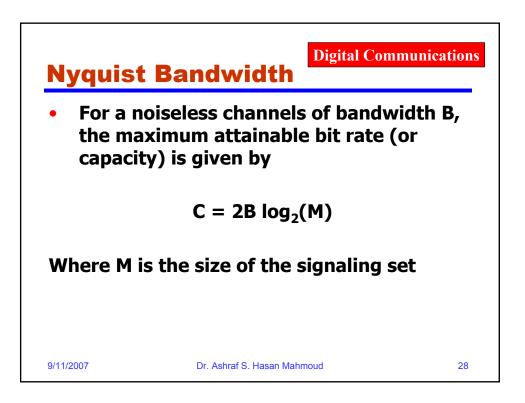


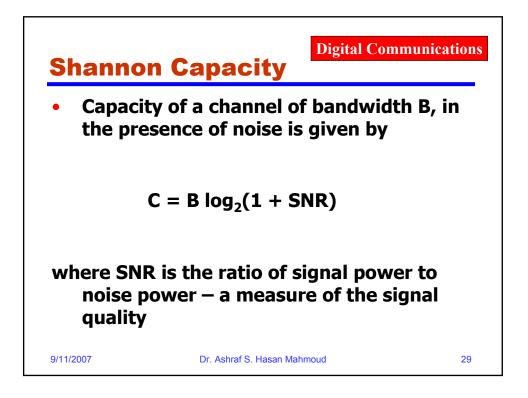


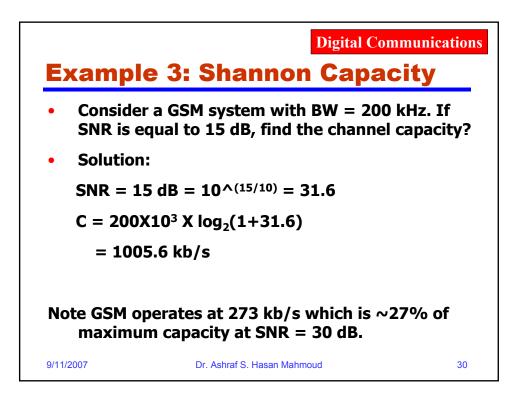


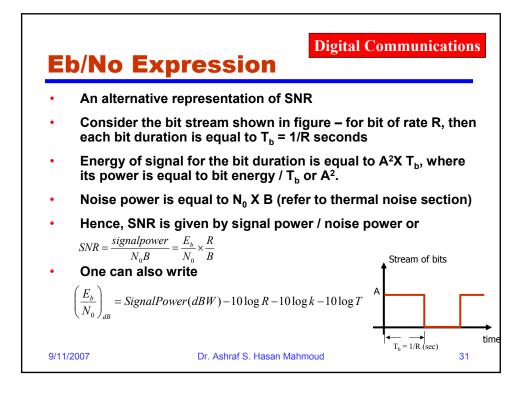


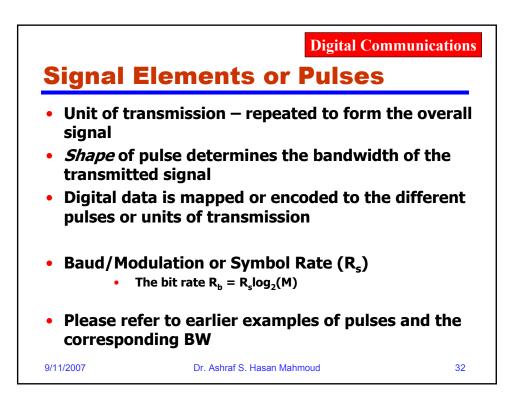


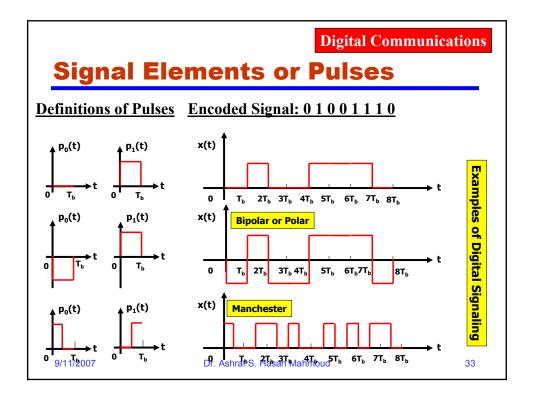


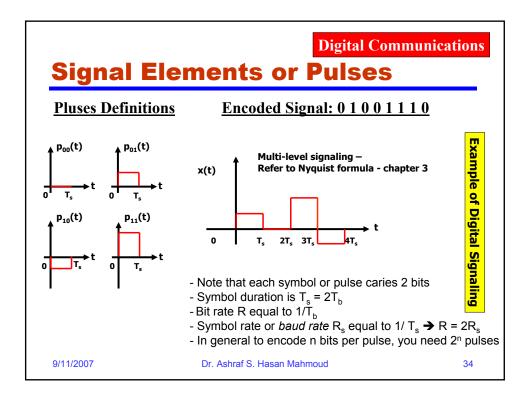


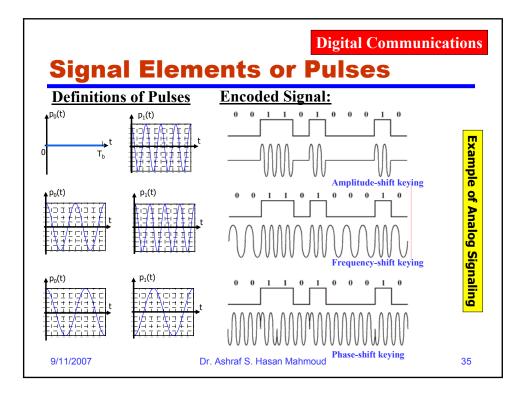


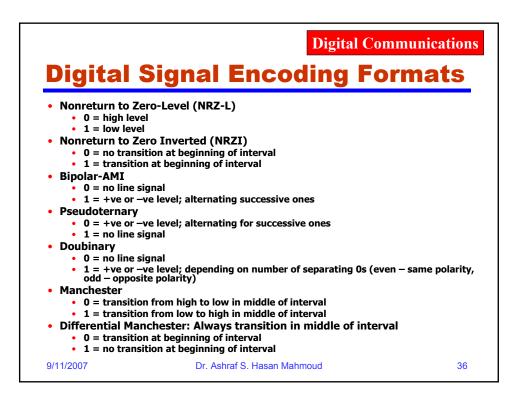


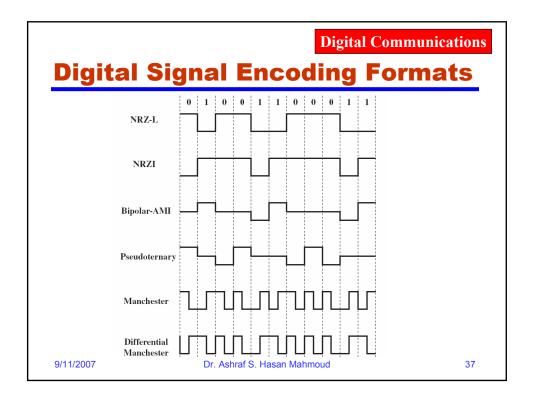


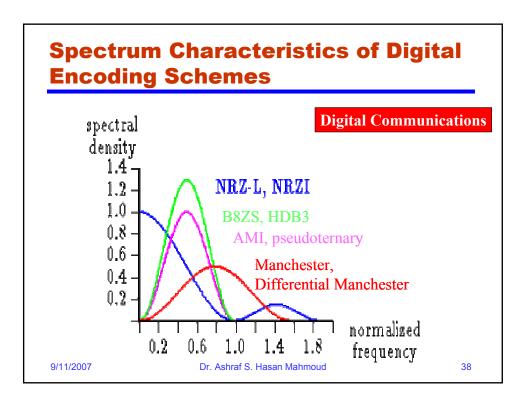


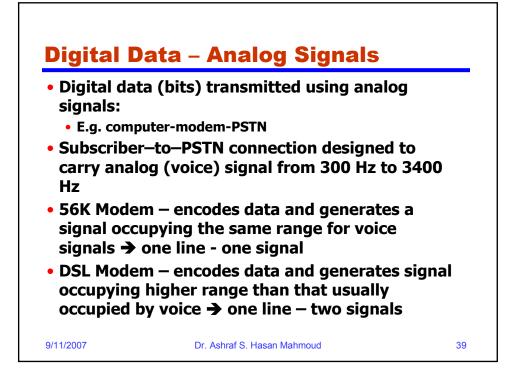


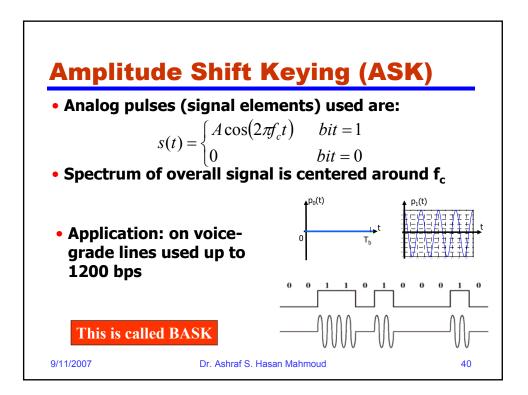


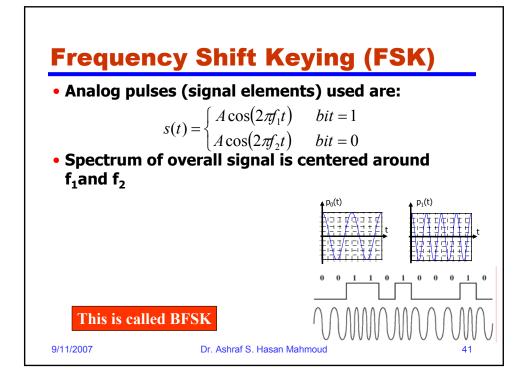


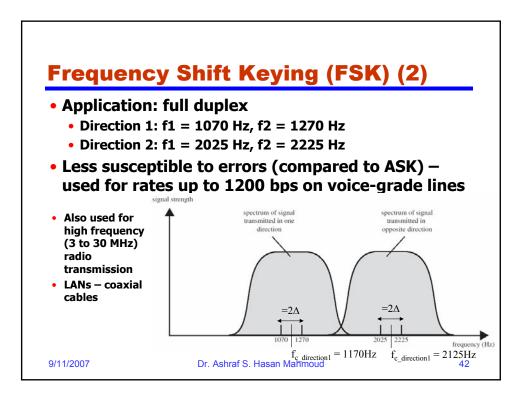


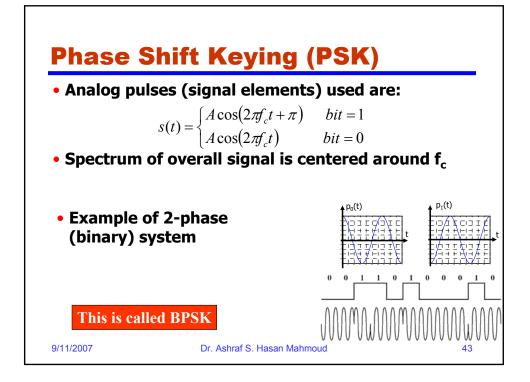


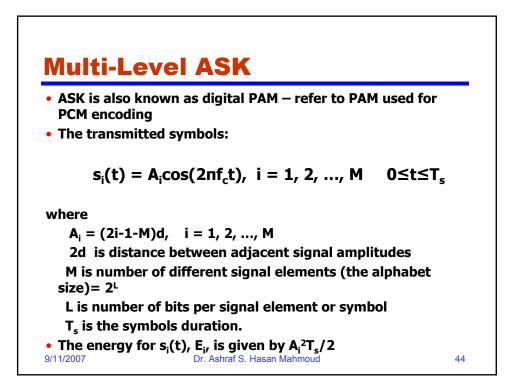


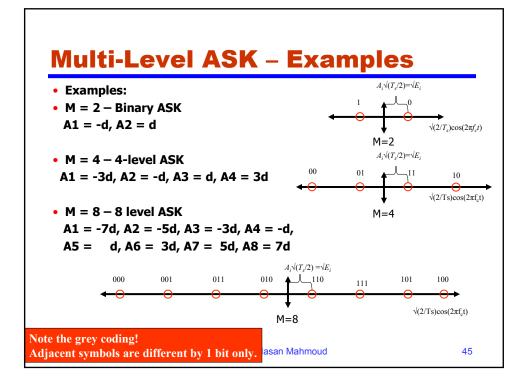


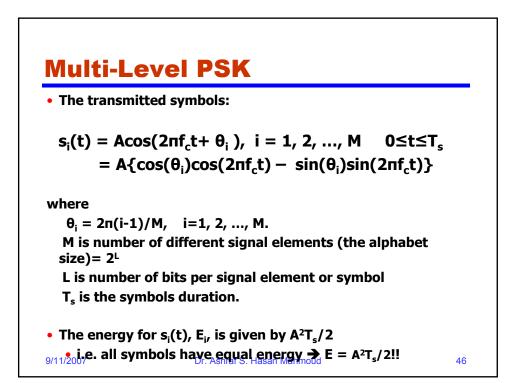


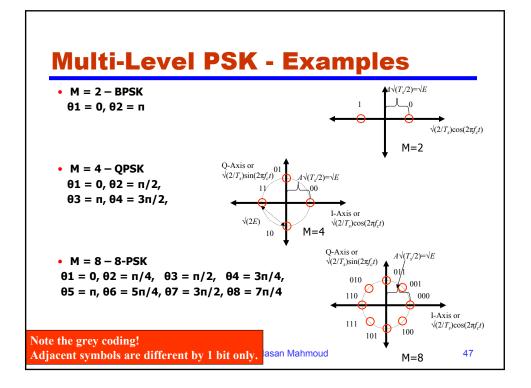


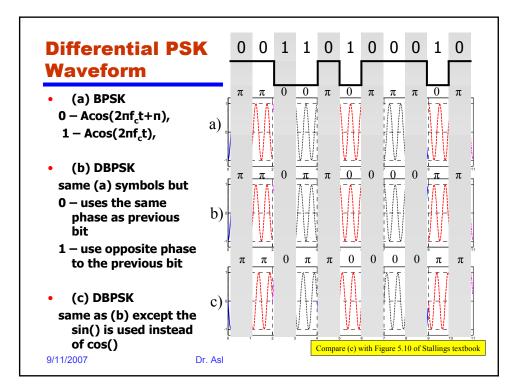


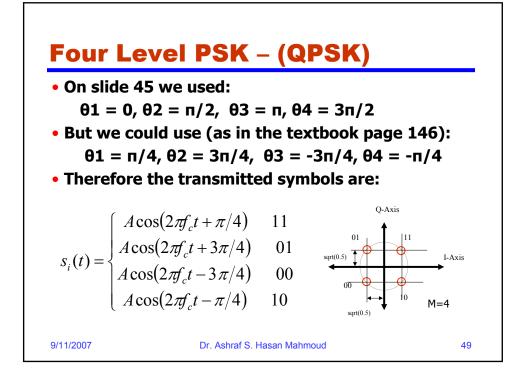


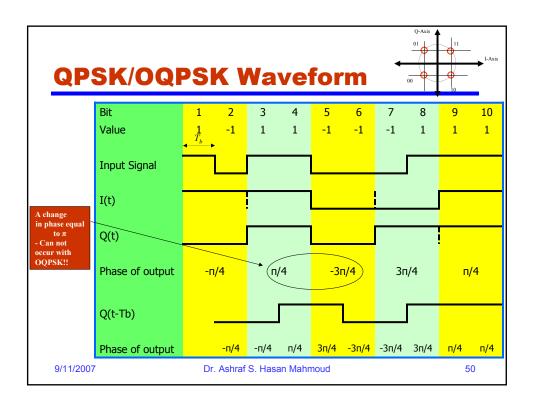


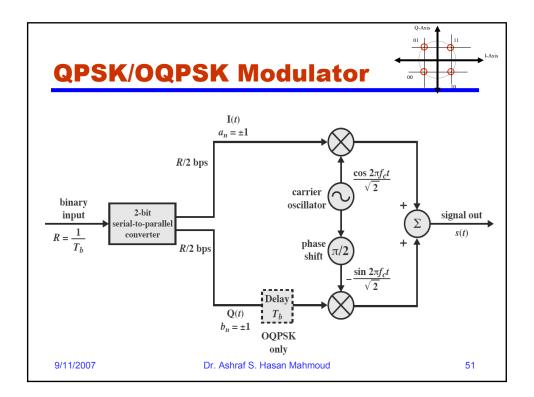


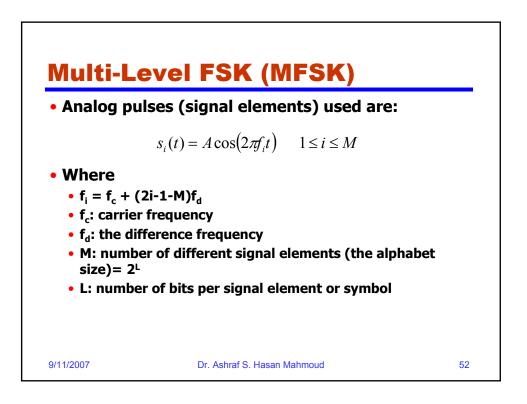


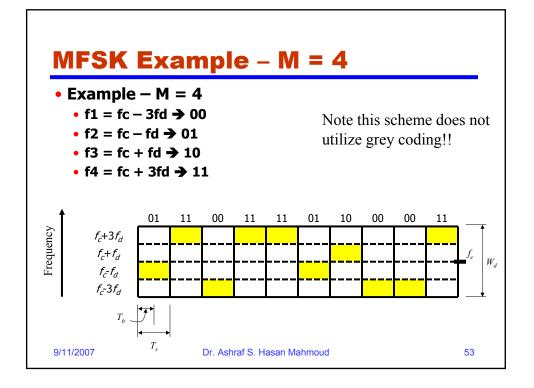


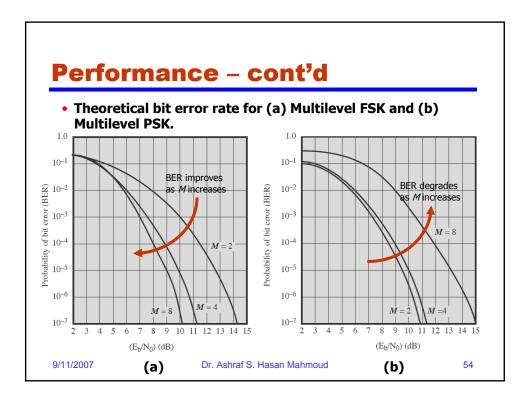


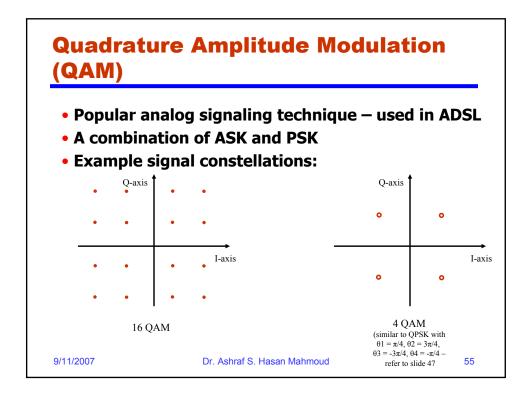


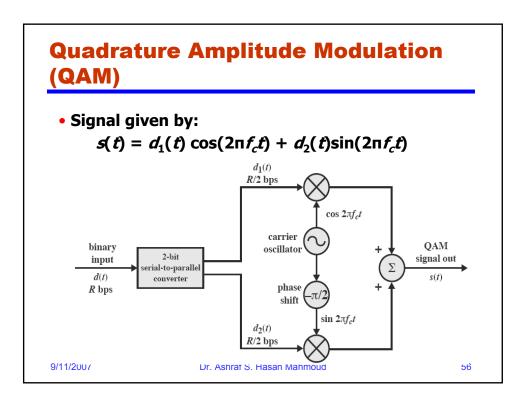


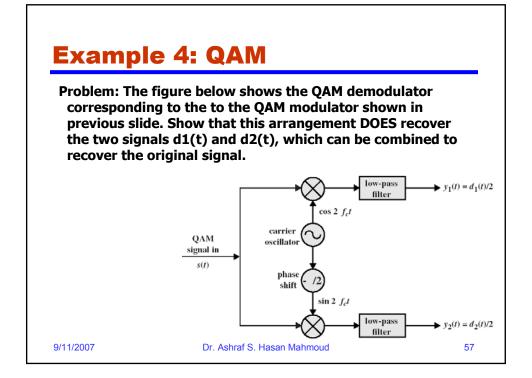


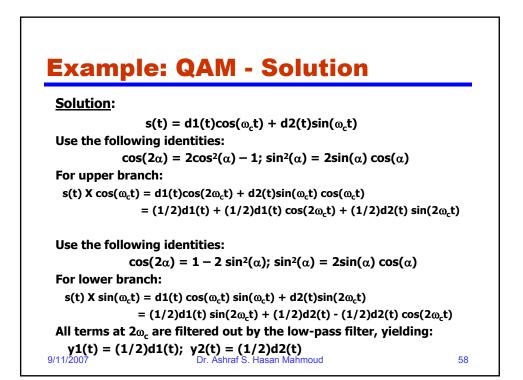


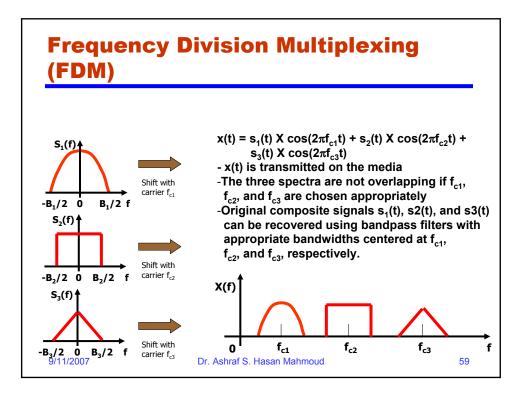


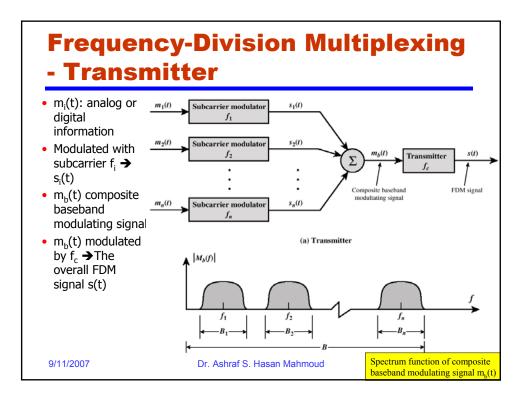


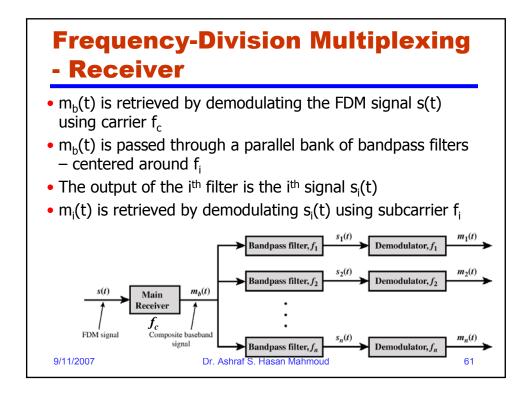


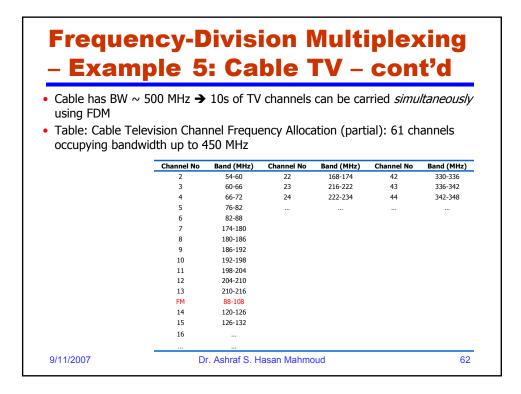


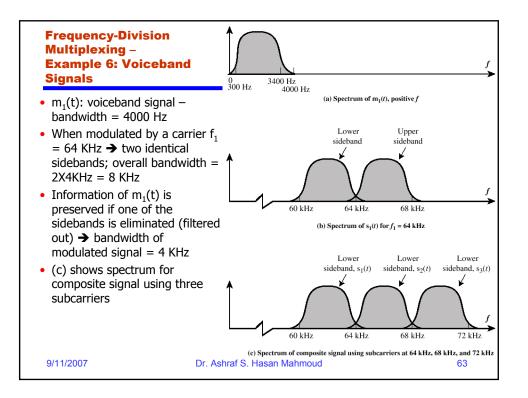


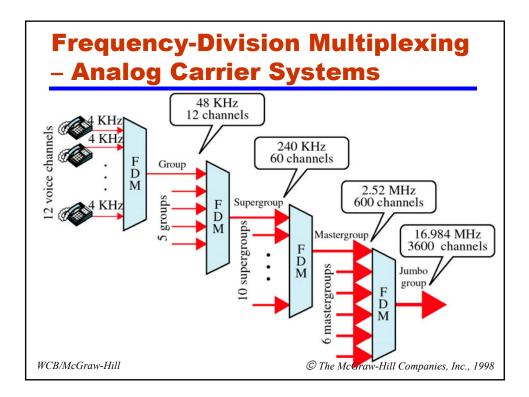


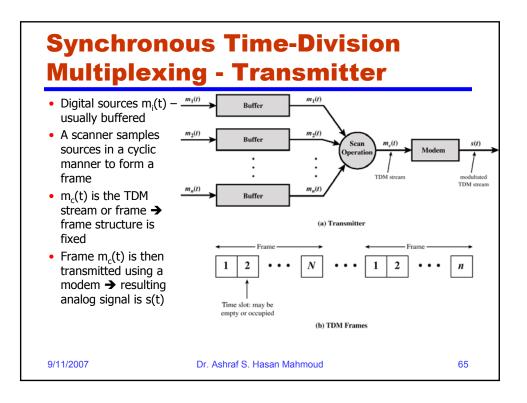


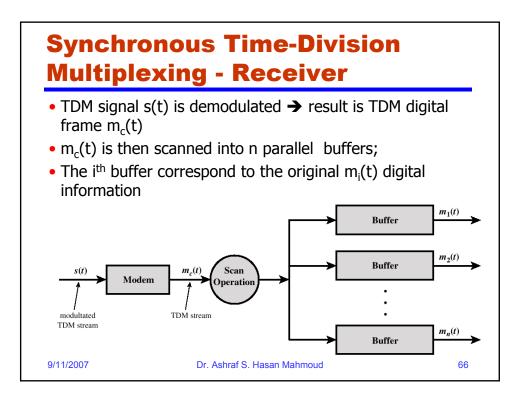


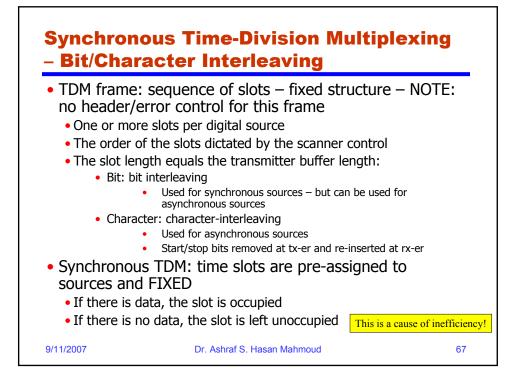


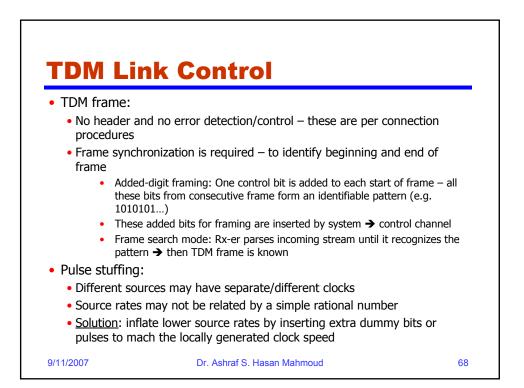


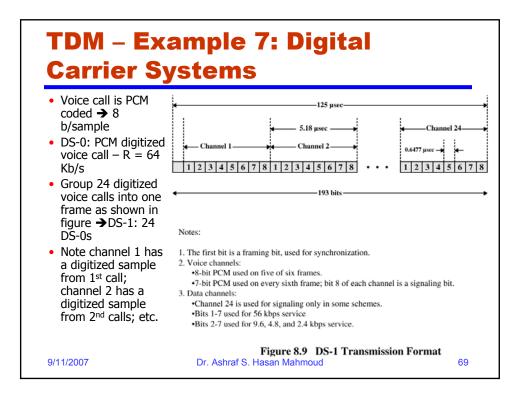


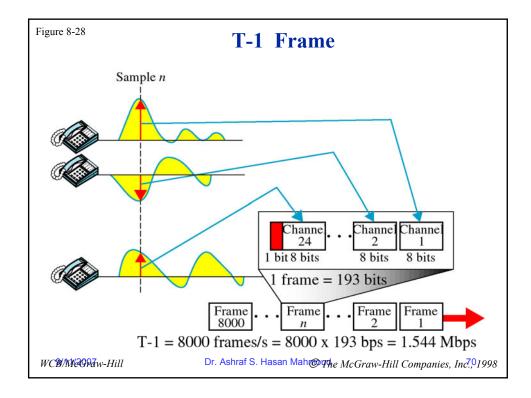


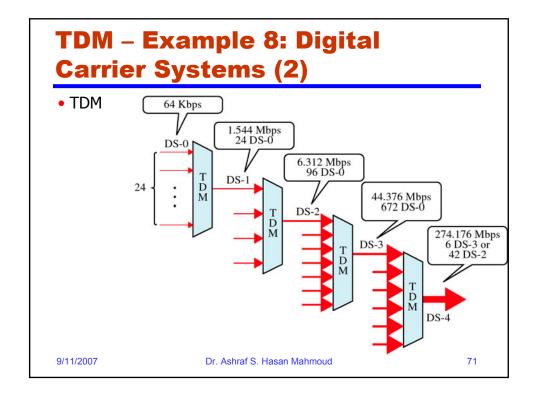


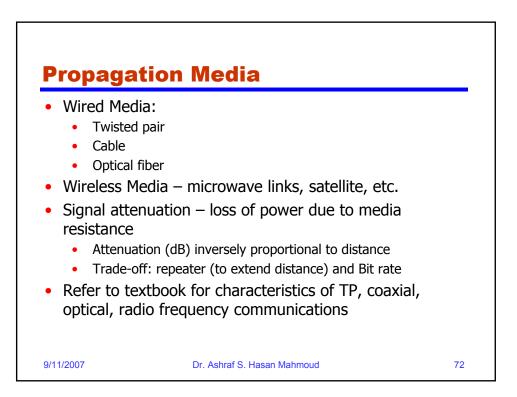


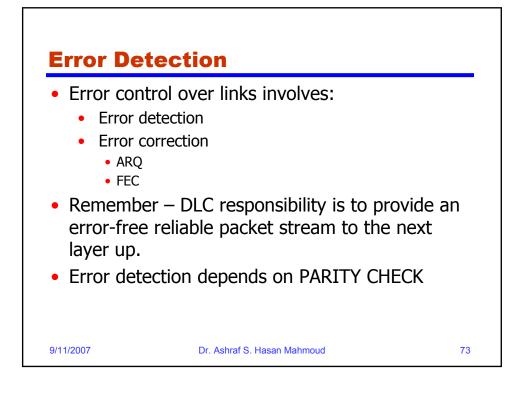


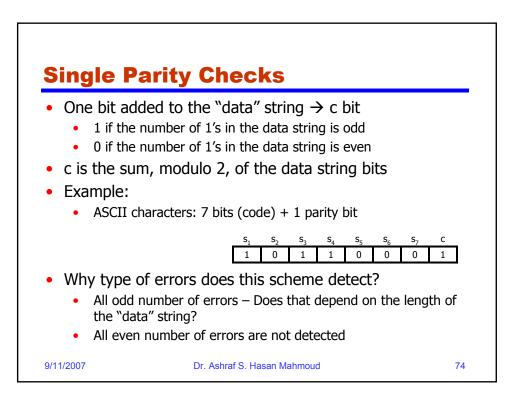


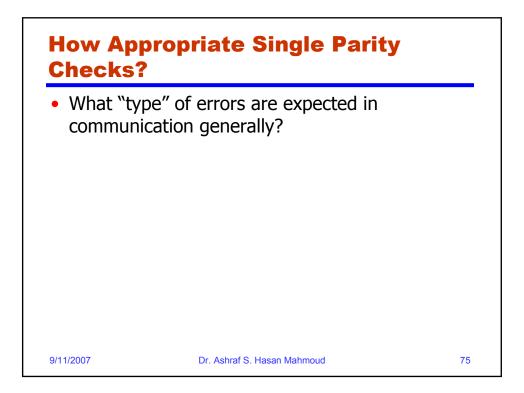


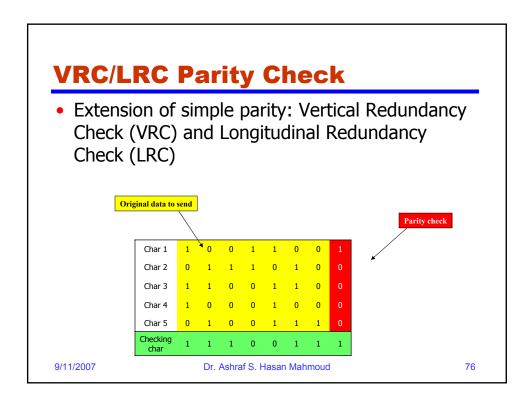


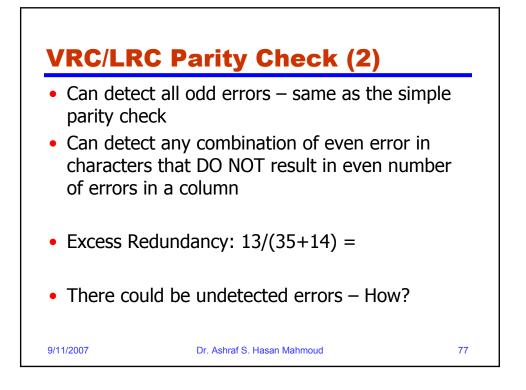


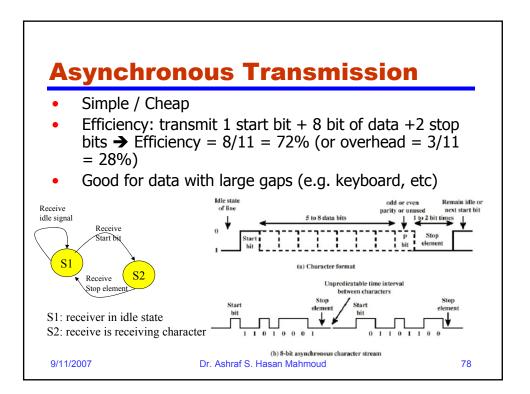


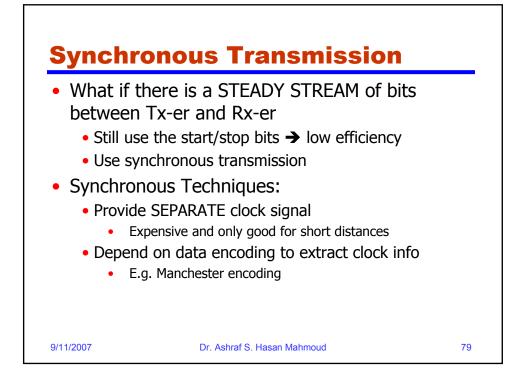


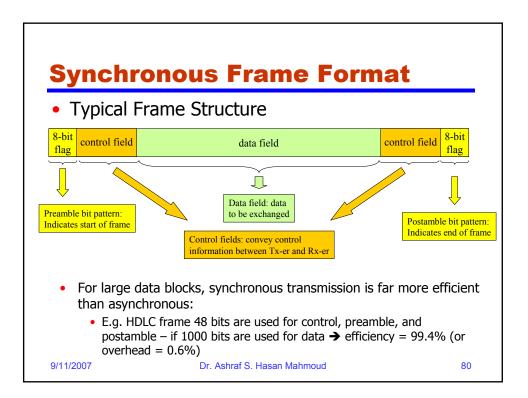


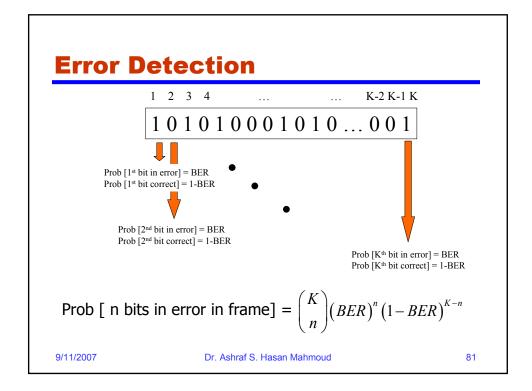












Error Detection – cont'd		
Hence, for a frame	of K bits,	
Prob [frame is corr	ect] = Prob [0 bits in error] = (1-BER) ^K	
Prob [frame is erroned	us] = Prob[1 OR MORE bits in error] = 1 - Prob[0 bits in error] = 1 - (1-BER) ^K	
Prob [frame is erroned	<pre>bus] = Prob [1 bit in error] + Prob[2 bits in error] + + Prob[K bits in error] = 1 - Prob[0 bits in error] = 1 - (1-BER)^K</pre>	
9/11/2007	Dr. Ashraf S. Hasan Mahmoud	82

