Signal Compression (ECE 242) Gibson

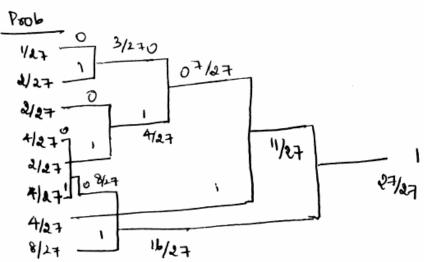
March 14, 2008

Homework No. 7 Solutions

9.8 3.			
Ko V. Kz	Code	L	p(xog kg kz)
((((11	3	0,064
110	((-	2	0.096
101	/	/	0.144 0.096
100	1-0	2	0.144
011	100	Z	0.096
010		0	0,144
00/	-0-	/	0.144
000	-00	2	0.216

Huffman code

X6 X1 X2	
000	
001	
010	
011	
0 01	
101	
110	
V 1 1	



Codemords

Avg. longth =
$$\overline{R} = 2.851$$
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