	1	
	1 5	1
(a)	113	>
	6 - 4	
0=2	c .13/ .5	
0-1	0 1 7 2	
	E .1 -2	
	t · ·	

0	1	14
100	3	. 2
101	3	
110	3.	-1
111	3	-1

L=	-
Elmpin = .5x1 +.5x3	
= 2	
H=.5log 2 2log-2 3log	5-1
= 1.96	

Ā	.5
6800	.2
C	1:15/.3
	1.17,
E	1, .7

	(00)	Car	200
Ā	1000	0	1
B		10	2
C	. 1	110	3
D	1 4	1110	4
	-1	1111	4

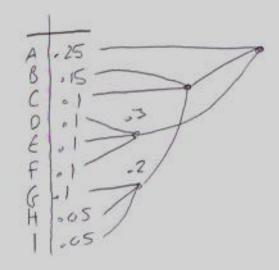
Q 2	A .25	
0=z	g .15 c .1 .3s	/
	€ 1	
	F : 1 5	
	4:05 -1 -2	

	ipin	Cers	las
T	. 25	00	2
1	-15	010	3
ć	-1	0110	4
9	:/-	0111	3-
6	- 1 - 1	110	3
H	-05	1110	7
1	.05	1111	4

$$- L = .25 \times 2 + .45 \times 3 + .3 \times 4$$

$$= .5 + 1.35 + 1.2$$

$$= 3.05$$

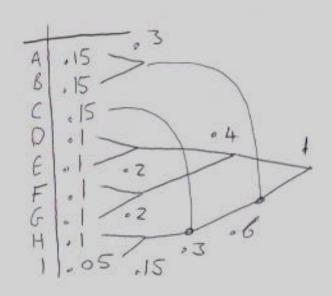


4	pas	ca	Jas_
1	.25	0	1
B	.15	10	2
6	-1	1.1	2
D	51	20	2
6	.)	21	2
F	- 1	22	3
H	205	121	3
11	.05	122	3

1+2 + 2	+ 2	12 2
3 5	7	9

D=4	1	
	A .25 B .15	
	6 .15	
	0 0 0	1
	# F & 5	
	G 105	»
	H .05	. 2

3	pex	C(X)	las
4	025	0	1
B	015	1	1
C	01	20	Ζ
0	.)	21	2
E	01	22	2
_	01	23	<
1		30	2
GH	05	31	7
1	-05	32	7



.х	pas	C(A)	Ja	- (
* ABCOEF	.15 .15 .15	100 101 110 000 001	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	- L= .85 × 3 +,15 × 4 = 3.15
GH-I	005	1110	4 4	

H=-3x.15 log.15-5.1 log.1 -005 log-05 = 3.11

0= 5	
1+k10-17	
1,5,9	

	f		200
X	per	CCX	1
A	.15	0	i
B	. 15	1	
61	,15	2	1
0	1	3	
27.00		110	2
E	•	F0 41	2
F	• 1	2	2
6	6)	5+42	2
ш	1	43	2
- [1	-1	1.1-	2
1	,05	TT	
10.			