$$BH(m/P_{1}) = \frac{6}{13} T(P_{1}=0) + \frac{2}{13} T(P_{1}=1)$$

$$S(P_{1}=0) = \frac{6}{6} \log \frac{2}{6} - \frac{4}{6} \log \frac{4}{6}$$

$$S(P_{1}=1) = -\frac{6}{7} \log \frac{7}{7} - \frac{7}{7} \log \frac{7}{7}$$

$$\Rightarrow H(m/P_{2}) = \frac{7}{13} (-\frac{2}{6} \log \frac{2}{6} - \frac{4}{6} \log \frac{4}{6}) + \frac{7}{13} (-\frac{6}{7} \log \frac{7}{7} - \frac{7}{7} \log \frac{7}{7})$$

$$H(m/P_{2}) = \frac{7}{13} T(P_{2}=V) + \frac{7}{13} T(P_{2}=F)$$

$$T(P_{2}=V) = -\frac{7}{3} \log \frac{7}{3} - \frac{7}{3} \log \frac{7}{7} - \frac{1}{6} \log \frac{7}{7}$$

$$T(P_{1}=V) = -\frac{7}{3} \log \frac{7}{3} - \frac{7}{3} \log \frac{7}{7} - \frac{1}{6} \log \frac{7}{7}$$

$$H(m/P_{2}) = \frac{1}{13} T(P_{3}=V) + \frac{4}{13} T(P_{3}=I) + \frac{5}{13} T(P_{3}=0)$$

$$T(P_{3}=W) = -\frac{1}{4} \log \frac{3}{4} - \frac{7}{4} \log \frac{7}{4} = 0, 24$$

$$T(P_{3}=V) = -\frac{7}{3} \log \frac{3}{6} - \frac{7}{3} \log \frac{7}{3} = 0, 25$$

$$H(m/P_{3}) = \frac{4}{13} T(P_{3}=V) + \frac{6}{13} T(P_{3}=V) + \frac{5}{13} T(P_{3}=0)$$

$$T(P_{3}=W) = -\frac{7}{3} \log \frac{3}{6} - \frac{7}{3} \log \frac{7}{3} = 0, 25$$

$$H(m/P_{3}) = \frac{4}{13} T(P_{3}=V) + \frac{6}{13} T(P_{3}=V) + \frac{5}{13} T(P_{3}=0)$$

Acq./ 2008-3

P1 = 0

On choisit donc la comme racine de l'arbre

\$2

ດ້	P2	ρ3	classe
1	V	N	A
3	F	0	В
7	F	0	B
8	V	I	A
9	F	N	B
13	V	0	B
		1	

n°	P2	P3	classe
2	V	T	A
4	V	N	A
5	V	0	À.
6	F	N	A
10	V	I	B
11	F	0	A
12	F	I	A

.010				
	P2	A	В	Total
	V	2	1	3
	F	0	3	3
	Total	2	4	6
				AND DESCRIPTION OF THE PROPERTY OF THE PROPERT

P1=0

P3	Á	Ь	Total
N	1	1	2
I	1	0,	1
0	0	3	3
Total	2	19	6

H(m/P3)=010

Pa=1





