Bishop 8.3

$$p(a,b) = \sum_{c \in \{a,i\}} p(a,b,c)$$
 $p(b) = \sum_{c \in \{a,i\}} p(a,b,c)$
 $p(b) = \sum_{c \in \{a,i\}} p(a,b,c)$

$$p(a|c) = \frac{\sum_{b \in [a,i]} p(a,b,c)}{\sum_{a \in [a,i]} \sum_{b \in [a,i]} p(a,b,c)}$$

$$= \frac{\sum_{a \in [a,i]} \sum_{b \in [a,i]} p(a,b,c)}{\sum_{a \in [a,i]} \sum_{b \in [a,i]} p(a,b,c)}$$

Bishop 8.4

	P(e)		٩	p(cle)	<u>b</u>	د	<u>P(110)</u>
0	e0.00)	0	0	0.40	0	0	0.80
	00·00y	0	(0.60	0	(0.40
		(0	0.60	(0	0.20
		(١	04.0	(1	0.60

Bishop 8.11

Bishop 8.14

This is obtained when Hiefi,... of: 2:= y:; since 720, h= B=0, and 2:, y: EE-1,+13.