7 a 6 0(a/e) P(A) = P(A | B, E) P(A | E) = P(A | B, E) P(B)=P(B/E) A. B.E A, B, E) Alam 0 Earthquake

1 P(f, h.p) = P(f) x P(h f) x P(p h) "fadorisation (P(f, p) = P(f, h, p) + P(f, 1h, p) (h - | b | f | x p (-1 h | f) x p (p | -1 h) P(FM/P) < P(7+(P) P(4|P) P(f/p)= P(f.p) x d

1.0 M2 (m+n) x 2 m+1

p(B|j,m)

 $P(b,j,m) = P(e,b,a,j,m) + P(e,b,\tau a,j,m) + P(-e,b,\tau a,j,m) + P($ o(e) P(b) P(1a/e, b) P(g/7a)p(m(1a)+ (p(e)p(b)) (a(e,b)p(jla)p(m(a)) + α= (m) + p(16, j, m) P (76[j,m) = dx P(76,j,m) p(b[j,m) = d x (p(b,j,m) $|p(B|j,m) < p(b|j,m) > p(\tau b|j,m)$

$$P(B|a) \leq \frac{p(b|a)}{p(ab|a)}$$

$$P(b|a) = p(b,a) \times \frac{p(a)}{p(a)} \times A = \frac{p(a)}{p(b,a)} \times A = \frac{p(a)}{p(a)} \times A = \frac{p($$

= P(e)+P(b)+P(a|e,b)+P(7e)+P(b) x P(a/7e,b) only need to calculate P(5,a) and P(76,a) $P(b, \alpha) = P(e, b, \alpha) + P(\tau e, b, \alpha)$ read the tables

