秦秀答案 2. 由是自治2 P(B=0)=0.1, P(F=0)=0.2, p(G=0|B=1, F=1)=0.2, p(G=0|B=0,F=1)=0.8
p(G=0|B=1, F=0)=0.8, p(G=0|B=0,F=1)=0.8
(1) G的状态·融剧最到为0. p(G=0|B=0,F=0)=0.9 p(G=0) = = = = = = p(G=0|B,F)p(B)p(F) = \$ (G=0 (B=0, F=0) \$ (B=0) \$ (F=0) + & (G=0 | B=0.F=1) & (B=0) p(F=1) + p (G=0 | B= 1, F=0) p (B=1) p (F=0) + (G=0/B=1, F=1) p(B=1) p(=1) = 0-9 x 0.1 x 0.2 + 0-8 x 0.1 x 0.8 + 0.8 x 0.9 x 0.2 + 0.2 x 0.9 x 0.8 P(6=01F=0)=== p(G=0|B,F=0)p(B) = p (G=0 | B=0. F=0) p (B=0)+p(G=0 | B=1, F=0) p(B=1)

 $p(F=0|G=0) = \frac{p(G=0|F=0)p(F=0)}{p(G=0)} = \frac{0.81 \times 0.2}{0.3700} = \frac{0.4378}{0.3700}$ 所外, 观察到日三0后, F=0 (85 和3年110.2上升到 4286.0.4578. (2)性一步,配熟如3=0.

= \$ (G=0|B=0,F=0) \$ (F=0) + \$ (G=0|B=0,F=1) \$ (F=1) = 0.9 × 0.2 + 0.8 × E.8 = 0.82 $p(G=0|B=0,G=0) = \frac{p(P=0|B=0,F=0)}{p(G=0|B=0)}$ $= \frac{0.9 \times 0.2}{0.82} = 0.2195$

所以, 观象到 B=0后, F=0的概率从043782阵到30-2195