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                                                            P (BIB) =1
                               概率吃加之吗
                                                             PCBIA) = 0.5
         10: 压砖为白砖 刚 家压碎为black
                                              B: 取出自铁
                              PLAB) = ) PLBIA) PCA)
P(A)=0.5
           # PCOIB) = -
                        \frac{P(A)P(B|A) + P(\bar{a})P(B|\bar{a})}{0.5 \times 1 + 0.5 \times 0.5} = \frac{2}{3}
Pca)=0.5
            Ai:第i天无面
     2 -
                               PCOJ=1 PCOi+10i)=P PCOi+10i)=1-P
              P(Bn) = P(Bn/Bn-1) P(Bn-1) + P(Bn/Bn-1) P(Bn-1)
                     = P. Plan-1) + (1-P) (1-P(An-1)
                       = P.P (An-1) + 1-P - (1-P) P(An-) = P(An)
                          P(An) = 1-P + P.P(An-1) - (1-P)P(An-1)
                                  = 1-P+p(0n-1) (P-1+P)=1-P+ (>P-1)p(0n-1)
                       [P(0n)-X] = +224 (2p-1) (p(0n-1)-X)
                                      X- (2p-1) X=1-p = X-2px+X = X (2-2p)
                                         X = \frac{1-P}{\lambda-2P} = \frac{1}{2}
                              P(an)-= (2p-1)[p(an-1)-1) 等的q=2p-1
                               P(A1) - = = = 2 2400 == ===
                            :. Plan ) - 1 = 1 (2p-1) 1-1
                                     P (nn) = 1 (2p-1) + 1 nent n = 2
                                           PCA+B)=PCA)+PLB)-PLAB)
     3, PLBIA) = PCA)
                                                 P(AB) = p(A) + P(B) - P(A+B)
                                                       = P(0)+[1-P(B)] - P(0+B)
     - PLBIAI = PLAB) > PLB) = 1- PLB)
PLBIAI = PLB)
                                                PUBB = PLA) - PLB)+1-PLA+B)
                                                    P (0+18) 1 1. 1- p (0+18) 20
                                                  : PIAB) > puar - PLB)
       18: Piera To: Diena
                  Bi:甲在第1易翻
     三局两胜
                                                                    + P (B,) P (B) P (B)
             PLA) = P(B) - P(B2) . P(B3) + P(B1) + P(B1) + P(B3) + P(B3) + P(B1) . P(B2)
                   = 0.6 x 0.6 x 0.4 x 3 + 0.63 = 0.648
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五局三胜 p 0.65+0.64×0.4×5+0.63×0.4× (= 0.68 256

P(
$$0\pm$$
) = 3 \pm 0, -3 \pm 0, +1- \pm 0, +3 \pm 0, (1- \pm 0, + \pm 0)

= 3 \pm 0, -3 \pm 0, +1- \pm 0, +3 \pm 0, -3 \pm 0, +3 \pm 0, -3 \pm 0, +3 \pm 0, -3 \pm 0, +1

 $(5\pm)^{2}$ - $(5\pm)^{2}$

= PX(1-8.) + C1-P) (1-81)