



Signature: ____Hao Liu____

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(4). A is black next is write.

50. Civeles is black, square is write. Koli, H1/2, C, 3/5. A 11/24.

A black 11/24. So 4-a. write is wins

@-b K(0/1) H(1/2) C(3/5) A(11/24)

Q-C. choose. base on W/N vadro.

D(5/16) < BC5/9) < C(3/5) A will choose (C)

5. res= PC.Y=T)P(x=T|Y=T)P(x=F|Y=T)P(x=F|Y=T)P(x=F|Y=T)
P(x=F|Y=T)
P(x=F|Y=T)
P(x=F|Y=T)

0.2 × 0.6 × 0.4 × 0.6 × 0.4 × 0.6

0.2 x0.6 x0.4 x0.6 x0.4 x0.6+ 0.8 x0.3 x0.7 x0.3 x0.7 x0.3;

= 0.3950