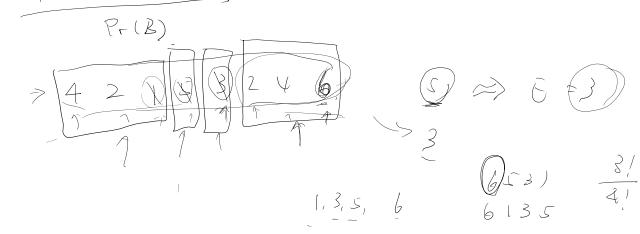
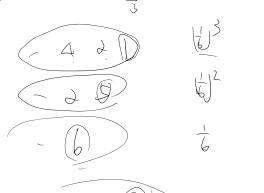
2019年4月11日 13:49

E(意义撰出6的步数)盲以解出6之前辨出的新是偶数)=1.5.



亡(引掠出1/3/5/6的数 上新号提览) = 1.5.



2°. 占(高次占的安徽) 超过6之前的数字是不够的).

hypercube de 2 mode = N

defrel = d ~ log N max shortest path = $d \sim log N$. $\# edge = 2^d \times d/2 = d \times 2^{d-1}$ (W.- - AT) $\frac{\left(0\,000\right)}{\left(\left(0\,00\right)\right)}$ $\int_{\mathcal{A}}^{\mathcal{N}} = \int_{\mathcal{A}}^{2d} = \left(\frac{d}{2} \right)$ Justance I: (x₁, ..., x_d) ~ (1-x₁, 1-x₂, ..., 1-x_d) / ford instance. $2^{d} \times d$ $e^{2}(\overline{d}_{1} \cdot (\overline{d}_{1}) - \overline{d}_{n}) - (\overline{d}_{1}, \cdots \overline{d}_{n}, 1 - \overline{d}_{1}, \overline{d}_{1}, 1 - \overline{d}_{1}, \overline{d}_{1})$ (1-31, 1-32, -, 1-31-1, 21, 3iti, -, 4m) (7,7,---,7,1, /o, t-fier,--- (-7m) $\begin{array}{cccc} (X,Y) & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$ Instance 2: $(\cancel{x},\cancel{0}) \longrightarrow (0, \times 1).$ # parket: 2 e (01,0) - (0,0). (00 | 000) = (000,000)

分区 算法 的第2页

$$(0) \quad (0) \quad (0)$$

`,~~>\(`)

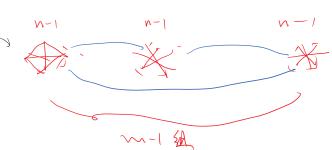
Ramsey number.

R(3,3) = 6





 $R(m_1 n) > (m-1)(n-1)+$



RIE.

G is good: it with when
$$R(n,n) = k$$
 $R(G \text{ is good}) > 0$
 $R(G \text{ is not good}) = \binom{k}{n} \cdot \frac{1}{2^{\binom{n}{2}-1}}$
 $R(G \text{ is not good}) = \binom{k}{n} \cdot \frac{1}{2^{\binom{n}{2}-1}}$
 $R(G \text{ is good}) = \binom{k}{n} \cdot \frac{1}{2^{\binom{n}{2}-1}}$

Max (ut.

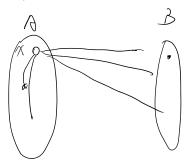
G (#edge in cut)

 $= \epsilon \left(\sum \lambda_{i} \right)$

= $\sum E(X!)$

 $-\frac{M}{N}$.

construction:



$$X_1 - - - , X_m$$
 $Y = 1$

1-st edge in

X,= 1 1-51 edge in cut

XEA.

JEB N (N. JEE)

> J J J J B A (N. J) E E