经对称码的(电子、ab=1, xy3=1, x+y+3=1).

@LL (每年和, 1996) a,b>0, a+b=1.

$$7ER : \frac{a^{2}}{a+1} + \frac{b^{2}}{b+1} > \frac{1}{3}$$

$$18 = \frac{a^{2}}{(a+b)(a+(a+b))} + \frac{b^{2}}{(a+b)(b+(a+b))} > \frac{1}{3}.$$

$$(a) \quad a^{2}b + a^{2}b^{2} < a^{2}b^{2} + b^{2}.$$

$$(a) \quad (a^{3}+b^{3}) - (a^{2}b+ab^{2}) = (a-b^{2}(a+b) > 0)$$

$$(a) \quad (a^{3}+b^{3}) - (a^{2}b+ab^{2}) = (a-b^{2}(a+b) > 0)$$

$$(a) \quad (a) \quad (a$$

上述不是我可不知下我了:

(328 a., a2, b., b2 >0. a,+a2=b,+b2, max(a,,a2) 2 max(b,, b2).

X,y>0. \$\frac{1}{2}\frac{1}{2}E}:

xa, yar + xar ya, s xp, yp+ xp, yp1.

元祖 不好, ayzaz, b, zb, a, zb, x,y>0.

$$\begin{array}{lll}
\alpha_{1} + \alpha_{2} &= b_{1} + b_{2} & \Rightarrow & \alpha_{1} - \alpha_{2} &= (b_{1} - \alpha_{2}) + (b_{2} - \alpha_{2}) \\
&\Rightarrow & \chi^{\alpha_{1}} \gamma^{\alpha_{2}} + \chi^{\alpha_{2}} \gamma^{\alpha_{1}} - \chi^{b_{1}} \gamma^{b_{2}} - \chi^{b_{2}} \gamma^{b_{1}} \\
&= & \chi^{\alpha_{2}} \gamma^{\alpha_{2}} (\chi^{\alpha_{1} - \alpha_{2}} + \gamma^{\alpha_{1} - \alpha_{2}} - \chi^{b_{1} - \alpha_{2}} \gamma^{b_{2} - \alpha_{2}} - \chi^{b_{2} - \alpha_{2}} \gamma^{b_{1} - \alpha_{2}}) \\
&= & \chi^{\alpha_{2}} \gamma^{\alpha_{2}} (\chi^{b_{1} - \alpha_{2}} - \gamma^{b_{1} - \alpha_{2}}) (\chi^{b_{2} - \alpha_{2}} - \gamma^{b_{2} - \alpha_{2}}) \\
&= & \chi^{\alpha_{2}} \gamma^{\alpha_{2}} (\chi^{b_{1} - a_{2}} - \gamma^{b_{1} - a_{2}}) (\chi^{b_{2} - a_{2}} - \gamma^{b_{2} - a_{2}}) \\
&= & \chi^{\alpha_{2}} \gamma^{\alpha_{2}} (\chi^{b_{1} - a_{2}} - \gamma^{b_{1} - a_{2}}) (\chi^{b_{2} - a_{2}} - \gamma^{b_{2} - a_{2}})
\end{array}$$

这上这个这是一样好作"bunching"、考虑取学各种和分类习。

Cauchy-Schwarz:
$$(b+c-a)+(c+a-b)+(a+b-c))(\frac{1}{a}+\frac{1}{b}+\frac{1}{c}) \geq \sqrt{\frac{a+b+c}{a}}$$

$$(b+c-a)+(c+a-b)+(a+b-c))(\frac{1}{a}+\frac{1}{b}+\frac{1}{c}) \geq \sqrt{\frac{b+c-a}{a}}$$