(2): $m_1 < 2^{r-1}$ 此时至9有 2^r 午队, $1/2^r$ 3 $1/3^2$ 2 . 这 $1/2^r$ 3 $1/3^r$ 11 . 1 最终获 冠的 极较多

①
$$Y = 2H$$
. $P(x) = \left(\frac{V_1}{V_1 + V}\right)^2$
② $Y = 3H$: $P(3) = \frac{G_3}{C_4^2} \cdot \frac{C_2}{G_3} \cdot \frac{V_1}{V_1 + V} + \frac{G_3}{C_4^2} \cdot \left(\frac{V_1}{V_1 + V}\right) \cdot \frac{G_3}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) + \frac{G_3}{G_3} \cdot \frac{G_2}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) \cdot \frac{G_3}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) + \frac{G_3}{G_3} \cdot \frac{G_3}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) \cdot \frac{G_3}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) \cdot \frac{G_3}{G_3} \cdot \frac{G_3}{G_3} \cdot \left(\frac{V_1}{V_1 + V}\right) \cdot \frac{G_3}{G_3} \cdot$

$$+ \frac{c_{3}}{c_{4}^{2}} \left(\frac{V_{1}}{V_{1}} v \right) \cdot \frac{c_{3}^{2}}{c_{3}^{2}} \left(\frac{V_{1}}{V_{1}} v \right) \cdot \frac{V_{1}}{V_{2}} v$$

$$= \frac{1}{2} \cdot \frac{V_{1}}{V_{1}} v + \frac{1}{2} \left(\frac{V_{1}}{V_{1}} v \right)^{2} + \frac{1}{6} \left(\frac{V_{1}}{V_{1}} v \right)^{3}$$

 $\Delta t = \frac{V_1}{v_1 + v_2 + v_3}$ $(3t^3 + \frac{1}{2}t^2 + \frac{1}{3}t) - t^2 = b(t^3 - 3t^2 + t) + (-\frac{3}{4}t^2 + v_3) + (-\frac{3}{4}t^2 + \frac{1}{3}t^2 + \frac{1}{3}t^2 + \frac{1}{3}t) + (-\frac{3}{4}t^2 + \frac{1}{3}t^2 + \frac$

放的试3切时, [新冠军概章+, bb试2场时, 获冠军概章大.

$$(3): f_1 = \frac{C_{n-1}^{1}}{C_n^{1}} + \left(\left| - \frac{C_{n-1}^{1}}{C_n^{1}} \right| \frac{V_1}{V_1 + V_2} \right)$$

$$f_{2} = \left[\begin{array}{c} \frac{2j}{(n-1)} \\ \frac{2$$

$$\frac{1}{1-\frac{1}{2}} = \frac{\frac{1}{1-\frac{1}{2}}}{\frac{1}{1-\frac{1}{2}}} \frac{\frac{1}{1-\frac{1}{2}}}{\frac{1}{1-\frac{1}{2}}}{\frac{1}{1-\frac{1}{2}}} \frac{\frac{1}{1-\frac{1}{2}}}{\frac{1}{1-\frac{1}{2}}}}{\frac{1}{1-\frac{1}{2}}} \frac{\frac{1}{1-\frac{1}{2}}}{\frac{1}{1-\frac{1}{2}}} \frac{\frac{1}{1-\frac$$

$$= - \frac{4j(p-j)}{n(n-j)} (t-1)^{2} + \left(\frac{2p-2j}{n} - \frac{2b+2j}{n-j}\right) (t-1)$$

$$= -\frac{2j(k-j)}{n(n-j)} \left[2(t-1)^{2} + (t-1) \right] = 0 \cdot t-1 \in (-\frac{1}{2}, 0)$$

(4):用fs 启示 (转结括队一年被淘汰的极)章 在月期中. 15度5只66爱次数成了, 超有图解截胜.

国为1队胜的规章为大=(前)。专行是1队的60爱失数成后送66爱失数感的此例安排。

 $\frac{1}{2}$ $\frac{1}$

MIER. MIEL COSSON J. DET MICK. JULY IN JULY 10 MICK. 数m.n. 从有地方等最优.