$$\frac{\mathbb{X}2}{\sum_{j=1}^{2} P_{j}} = \left(\begin{array}{c} X_{1} & X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{1} & X_{n} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{1} & X_{2} \\ \vdots & X_{n} \end{array}\right) = \left(\begin{array}{c} X_{1} & X_{2} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{3} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{2} \\ \vdots & X_{n} & X_{n} \end{array}\right) \times \left(\begin{array}{c} X_{2} & X_{$$

$$=\frac{\int_{0}^{\infty} \left(2\lambda_{1}^{2}=|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{1}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{2}|\chi_{2}^{$$

(3) for
$$P_{j}$$
, $j = 1, 2, 3$.

Inte : max $Q(610^{cm})$ with $\frac{3}{2}P_{j} = 1$

Largrange Multiple Max $Q(010^{cm}) + \Lambda(\frac{3}{2}P_{j} - 1)$

Thus, $\frac{d(0)}{dP_{i}} = \frac{1}{2}\frac{2}{2}\frac{2}{2}\frac{1}{1}$

Also, have $P_{i} = \frac{1}{2}\frac{2}{2}\frac{2}{2}\frac{1}{1}$

Since $\frac{3}{2}P_{j}^{(m+1)} = \frac{1}{2}\frac{2}{2}\frac{2}{2}\frac{1}{1}$

That is, $P_{j} = \frac{1}{2}\frac{2}{2}\frac{2}{2}\frac{1}{2}\frac{1}{2}$

That is, $P_{j} = \frac{1}{2}\frac{2}{2}\frac{2}{2}\frac{1}{2}\frac{1}{2}$

With $P_{i} = (P_{i}, P_{3}, P_{3}) = (0.1, 0.3, 0.5)$
 $P_{i} = (P_{i}, P_{i}, P_{3}, P_{3}) = (0.1, 0.3, 0.25)$
 $P_{i} = (P_{i}, P_{i}, P_{3}, P_{3}) = (0.000, 0.300, 0.25)$
 $P_{i} = (P_{i}, P_{i}, P_{i}, P_{3}, P_{3}) = (0.000, 0.300, 0.25)$
 $P_{i} = (P_{i}, P_{i}, P_{3}, P_{3$

Case 2. 設 Θ^(m) 為 其 他 值 , 但 皆 和 cave 1 - 樣.
Θ^(m+1) 沒有 透 過 Θ^(m) 更 新.

即 使 将 樣 本 數 n-2000 第 n=20000 ,結果 也-樣.