

,

.

. . (. . .) . . (. . .)

$$S^{n-1} = \{x = (x_1, x_2, \dots, x_n) : x_i \geq 0, \quad i=1,2,\dots,n, \quad \sum_{i=1}^n x_i = 1\}$$

$n-1$ - , $\sum_{k=1}^n x'_k = 1 \quad x'_k \geq 0,$

$$x'_k = \sum_{i,j=1}^n p_{ij,k} x_i x_j \quad (1) \quad \left(\begin{array}{l} p_{ij,k} \geq 0, \quad p_{ij,k} = p_{ji,k}, \quad \sum_{k=1}^n p_{ij,k} = 1 \\ i, j, k \end{array} \right)$$

S^{n-1} .

(,L) L- , -

-

$\sigma : \Lambda \rightarrow \Phi$

á $S(\Lambda, \Phi)$.

$S(\Lambda, \Phi)$ á .

. $\{\Lambda_i\}$ -

(,L) , $i=1,2,\dots, n.$ $\sigma_1, \sigma_2 \in \Omega$

$$A(\sigma_1, \sigma_2) = \{x \in \Lambda : \sigma_1(x) = \sigma_2(x)\}$$

$$\tilde{A}(\sigma_1, \sigma_2) = \bigcup_{j: \Lambda(\sigma_1, \sigma_2) \cap \Lambda_j \neq \emptyset} \Lambda_j$$

$$\tilde{A}(\sigma_1, \sigma_2) \neq \emptyset,$$

$$\Omega(\Lambda, \tilde{A}(\sigma_1, \sigma_2)) = \left\{ \begin{array}{l} (\sigma \in \Omega : \sigma = \sigma_1, \quad \cdot \sigma_1 \in \tilde{A}(\sigma_1, \sigma_2) \cdot \\ \cdot \sigma = \sigma_2, \quad \cdot \sigma_2 \in \tilde{A}(\sigma_1, \sigma_2) \end{array} \right\}$$

$$\tilde{A}(\sigma_1, \sigma_2) = \emptyset,$$

$$\Omega(\Lambda, \tilde{A}(\sigma_1, \sigma_2)) = \left\{ \begin{array}{l} (\sigma \in \Omega : \sigma = \sigma_1, \quad \cdot \sigma_1 \in \Lambda_i \cdot \quad \cdot \\ \sigma = \sigma_2, \quad \cdot \sigma_2 \in \Lambda_i \cdot \quad \cdot \quad \cdot i = 1, \dots, n \end{array} \right\}$$

$\mu \in S(\Lambda, \Phi)$ -

$$\begin{aligned} \acute{a} \quad & \mu(\sigma) > 0 & \sigma \in \Omega \\ & P_{\sigma_1 \sigma_2, \sigma} & : \end{aligned}$$

$$P_{\sigma_1 \sigma_2, \sigma} = \left\{ \begin{aligned} & \frac{\mu(\sigma)}{\mu(\Omega(\Lambda, \tilde{A}(\sigma_1 \sigma_2)))}, & \cdot \sigma \in \Omega(\Lambda, \tilde{A}(\sigma_1 \sigma_2)) \\ & 0, & \cdot \end{aligned} \right\} \quad (2)$$

V,

$S(\Lambda, \Phi)$

(2),

$\lambda \in S(\Lambda, \Phi)$

:

$V\lambda = \lambda' \in S(\Lambda, \Phi)$

$$\lambda'(\sigma) = \sum_{\sigma_1, \sigma_2 \in \Omega} P_{\sigma_1 \sigma_2, \sigma} \lambda(\sigma_1) \lambda(\sigma_2) \quad (3)$$

$\sigma \in \Omega$.

,

:

$$P_{\sigma_1 \sigma_2, \sigma} \geq 0, \quad \sum_{\sigma \in \Omega} P_{\sigma_1 \sigma_2, \sigma} = 1 \quad P_{\sigma_1 \sigma_2, \sigma} = P_{\sigma_2 \sigma_1, \sigma} \quad \sigma_1, \sigma_2, \sigma \in \Omega$$

(3)

(Λ, L) ,

()

μ .

(1)

$$P_{ij,k} = \begin{cases} \neq 0 & i=j \quad j=k \\ 0 & \end{cases}$$

$$1. \quad |\Phi| > 1 \quad |\Lambda| > 1$$

(3.)

(Λ, L) -

1.

2. 1969. 168 .
3. 1977 .127 .
4. .//, 1987 .300 .